SPRING-TRAINING CONDITIONING AS A PREDICTOR OF FOOTBALL PLAYER PERFORMANCE

by 680

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CHAPTER I

INTRODUCTION

In the highly competitive sport of football, the job of assessing a player and the task he must perform requires insights and evaluation techniques that are both elusive and intangible. A coach, for example, may be well-qualified at judging the way a player performs certain tasks and may have some insight as to how well he can play in a game situation. But, can a person who does not coach look at the different task performance levels and, through a refined statistical technique, predict how a player will perform, and what he will perform? In the game of football, it is realized there are a number of abilities involved that constitute a successful performance. At this point the question is raised as to what factors make a good football player and can they be measured accurately. The most important job is to select a valid or meaningful criterion concerning what constitutes a good football player and how is he different from the mediocre or All-American.

CHAPTER II

STATEMENT OF PURPOSE AND DEFINITION OF TERMS

I. STATEMENT OF PURPOSE

The purpose of the study was to employ empirical methods to evaluate a player's game performance from his performance on several skills during his off-season training. This generated into six objectives: (1) establishment of a criterion group; (2) collection of data on the Middleness test and ten variables of the off-season program which would be evaluated against the criterion; (3) construction of a regression equation for predicting the percentage of plays correct for Freshman, Sophomore, and Junior football players at Kansas State University; (4) identify the variables that contribute most to the PPC (the criterion); (5) predict who will play first, second, third, and fourth string teams for the Fall of 1969 and compare this prediction with the coaches' estimate of first, second, and third string; and (6) establish a player profile for evaluation purposes.

II. DEFINITION OF TERMS

Off-season Program. The off-season program refers to an eight week work-out period for all football players, starting the first week of the second semester. The scope of the program and the variables (chin-ups, push-ups, stool-jumps, rope climb, sit-ups, vertical steps, lateral quickness, 40 yard dash, height, weight, and percentage of plays correct-PPC) will be discussed in Chapter IV.

Percentage Plays Correct (PPC). The criterion (PPC) is defined as the number of plays executed correctly and divided by the total number plays as judged by the subject's coach for nine season games and will be used for validating the eleven variables.

Middleness Test. This is a four minute pencil and paper test in which the subject marks the middle circle of an asymmetrical arrangement of dots.

CHAPTER III

REVIEW OF LITERATURE

Importance of Criterion Selection

The first objective of this research was to establish a criterion group. Since the collection of data of the off-season program was standardized at Kansas State University, the task became one of finding an independent score that would correlate well with the data of the off-season program. The enlightening information did not lie within the off-season data by itself, but as it correlated with a score that measured something else--namely, the percentage of plays correct (PPC). From the degree of correlation, it became known as to how valid a test was as an indicator of the PPC, which it was designed to measure. The variable with which the off-season scores were correlated was called the criterion.[1]

The whole basis of this research was determined by the excellence of acquiring a suitable criteria, as emphasized by Barnette: "The success or failure of a test developmental study can be determined by the quality of the criterion that is obtained. Therefore, it is of extreme importance to evaluate the criterion data in every way possible."[2]

Evaluation of Criterion Selection

Tyler suggested four methods of measurement: (1) Rating; (2) Question; (3) Projective techniques; and (4) Behavioral and Physiological tests.[3] Of these, the rating seemed to be the most practical approach. The possibility of team members rating each other was eliminated because of possible bias of friends and lack of experience. It was decided that experience of the coaching staff should serve as a good indicator of ability, even though it was hard to evaluate with a single score for the season. Also, injury and the number of plays could affect the coach's judgement. To eliminate any disagreement which may occur among competent persons in scoring any given subject while using the same test, it was decided to have each coach grade the number of plays executed correctly for each subject who came under his jurisdiction.[4] This was done by having a football staff member, relative to the position he coached, judge nine games of the previous season. The total number of plays and plays executed correctly were recorded for each game. By the use of slow motion projectors, the coach was able to break a player's game performance into each separate play; thus, allowing a more objective judgement as to a season's performance. Barnette wrote, "Subjective criteria involves a judgement of performance usually made by somebody who is in a good position to rate that performance of each individual in the sample."[5] The coach's subjective judgement, as a result of his experience and knowledge for a particular position, has become one that is constant and accurate;

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[1] Leona E. Tyler, The Psychology of Human Differences, 1965 (Meredith Publishing Company) p. 40.

[2] W. Leslie Barnette, Jr., Readings in Psychological Tests and Measurements, (The Dorsey Press) 1968, p. 120.

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[3] Tyler, op. cit. pp. 155-162.

[4] H. Harrison Clarke, Application of Measurement to Health and Physical Education, (Prentice-Hall, Inc.) 1967, p. 30.

[5] Barnette, op. cit., p. 118

hence, his judgement becomes objective. Here, the author assumed, another football coach, relative to some position, should be able to review the same film and arrive at the same score of correct plays. Objectivity, according to Clarke, is, "the degree of uniformity with which various individuals score the same test".[6]

The following paragraph by Clarke served as an outline in arriving at scores for all variables.

> "Objectivity in measurement is secured by the following means: (1) accurately phrased and fully detailed instructions in measuring procedures; (2) simplicity of measuring procedures; (3) the use, wherever possible, of mechanical tools of measurement; (4) reductions of results to mathematical scores; (5) selection of intelligent measurers, carefully trained; (6) maintenance of professional or scientific attitudes by testers; and (7) unremitting supervision of measuring procedures by administrative officers. Only by these practices may the objectivity of measures be maintained at a high level."[7]

By using the technique of review films, the coach was able to objectively remove himself from the stress of a game situation and the bias effect of "motivational distortion".[8] The score judged by the coaches which served as the criterion, was determined independently of the scores received from each subject during the off-season program.[9]

Function of Criterion Selected

The criterion scores and scores of the ten variables of the off-season program plus the score on the Middleness test served as data for the "model"[10] and establishment of the step-wise regression equation.[11]

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[6] Clarke, loc. cit.

[7] Clarke, op. cit., p. 31

[8] Barnette, op. cit., p. 164

[9] American Psychological Association, American Educational Research Association, and National Council on Measurement in Education, Standards for Educational and Psychological Tests and Manuals, 1966, p. 16.

The Step-wise Multiple Regression Program[12] (Program Print-out in Appendix A) was used for analysis and prediction.[13] In analysis, the purpose is to determine the relative importance or contribution of a given variable in contributing to the final result, namely game performance. On the other hand, the prediction is made in order to determine the effectiveness of the overall techniques in estimating the percentage of plays correct (PPC) for the coming season.

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[10] N. R. Draper and H. Smith, Applied Regression Analysis, (John Wiley and Sons, Inc.) 1967, pp. 7-9, 235.

[11] *Ibid*. pp. 178-195.

[12] S/360 General Program Library 360 Step-wise Multiple Regression Program 3.4.003.

[13] Henry E. Garrett, Statistics in Psychology and Education, (David McKay Company, Inc.) 1966, p. 410.

CHAPTER IV

PROCEDURE

Procedure for Criterion Group

Percentage Plays Correct (PPC). This was the criterion and served as the variable to which all off-season variables were to be correlated against.

Each football staff member, relative to the position he coached, reviewed the films of nine games (Colorado State University, Pennsylvania State University, Virginia Polytechnic Institute, University of Colorado, Iowa State University, University of Missouri, Oklahoma University, University of Kansas, and University of Nebraska) of the Fall 1968 Kansas State University season. From the films, he judged the number of plays executed properly for the position he coached. The number of plays executed correctly was divided by the total number of plays performed for each game. The percentage score for each of the nine games was summated and divided by the number of games in which a player participated to yield a mean percentage plays correct (PPC).

Procedure of Off-season Variables

Once the criterion was established, the task was to collect data for each of 49 subjects which performed during the previous 1968 varsity games and the off-season program. The following spring conditioning variables were collected twice each week and served to validate the PPC and predict player performance. The data was recorded on IBM computer cards in the following order:

Height (HT). The anthrophrometric data of Height was recorded to the nearest inch, at the beginning of the off-season program.

Weight (WT). The weight of each subject was taken to the nearest pound.

Chin-ups (CH). Using a standard size high bar with hands in an over-grasp position, each subject was allowed to execute properly as many chin-ups as possible.

Push-ups (PS). Within a 30 second time limit, the subject was required to do as many push-ups as possible on his finger-tips. On each push-up, the subject's chest had to touch a three inch high foam rubber block.

Stool jump (SJ). The subject was required to execute as many jumps as possible over a foam rubber block eighteen inches high and four inches wide within a time limit of 30 seconds. The subject was required to clear the eighteen inch block and upon landing on the opposite side, he had to immediately jump back to his original position. Each landing on the floor was counted as one unit toward the total score.

Rope climb (RC). A stop watch measuring tenths of seconds was used to time the subjects ability to ascend a standard rope climbing apparatus. The subjects started from a standing position and were allowed to jump, climbing hand-over-hand with the use of their feet to ascend to a height of fifteen feet.

Sit-ups (SU). The subject started, laying on his back. The sit-up was executed on an inclined board seven feet long. The raised end was eighteen inches from the floor and was fixed in such a manner with a belt to secure the subject's feet. The subject was required to lock his fingers behind his head and alternate elbow to opposite knee on each succeeding sit-up. The number of sit-ups done in 30 seconds constituted the score.

Vertical steps (VS). The scoring of vertical steps required the use of a wooden box eighteen inches high and two feet wide and one foot deep. The subject started by placing his right foot on top of the box and stepping up, bringing his left foot up beside his right and standing on the box. Then, the subject placed his left foot back to the original position, followed immediately by his right. This represented one unit in the 30 second time limit. The subject was required to alternate his feet as he stepped on the box each time.

Lateral quickness (LQ). The test situation was set up by having two individuals stand ten feet apart. The subject was required to run and touch one individual, then run back, touching the other and continue to do so for 30 seconds. Each touch represented one unit towards the subject's score.

40 Yard dash (40 YD). The subject started from a standing position and his time was recorded with a stop watch to the tenths of a second as they crossed the 40 yard line.

Initiation of Middleness Test

Middleness Test (MI). A four minute pencil and paper test was administered to all subjects at the end of the off-season program. The test consisted of a row of 3/4 inch circles. Black dots were inside some of the circles. The circles were arranged in two groups. The asymmetrical arrangement of dots was always an odd number; thus, leaving a middle dot to be marked by the subject.

No previous information is known about this particular test because it was created within the last week of the off-season program by Dr. Fred Rohles, Director of Environmental Research at Kansas State University. After the test was administered to a group of upper level and graduate students to determine approximately how long it took to finish the test, it was decided at that time that it was very difficult to finish it within four minutes by judgement of this group. This particular test was used, as with all the other variables, to see how well it correlated with the criterion and also its relation to the other eleven variables.

How Data was Analyzed

All the data for the eleven variables and the PPC were recorded on the IBM Computer cards and the players' profile (see Appendix B). The IBM 360 Step-wise Multiple Regression Program with a few modifications from the S/360 General Program Library was used to compute the data (see Appendix A). The criterion data was computed in three different groups: (1) the entire criterion group--N=49; (2) the Linemen, which includes the Center, Offensive Guards, Offensive Tackles, the Nose, Defensive Tackles, Defensive Guards, the Monster, and Linebackers--N=24; and (3) the Backfield, which includes the Quarterback, Tailback, Wingback, Fullback, Split-End, Flanker, Defensive Ends, Defensive Halfbacks, and Safety--N=25. (See Figure 1)

Set-up of Player Profile

To establish the player profile, the data for each variable was tallied into a frequency distribution with accumulative frequencies and percentile scores being figured. The mean score and raw score for each particular variable was listed on the players profile sheet. The appropriate percentage figured from each raw score was marked at the appropriate spot on the profile sheet for each player. (See Appendix B.) On the profile sheet, chin-ups, push-ups, rope climb, and sit-ups were considered in the strength index. The percentile scores of the above four variables were converted to standard scores. The mean standard scores were computed and then converted back to a total strength percentile score. The same procedure was followed for the Speed index which included the variables of stool-jumps, vertical steps, lateral quickness, the 40 yard dash, and the Middleness Test.

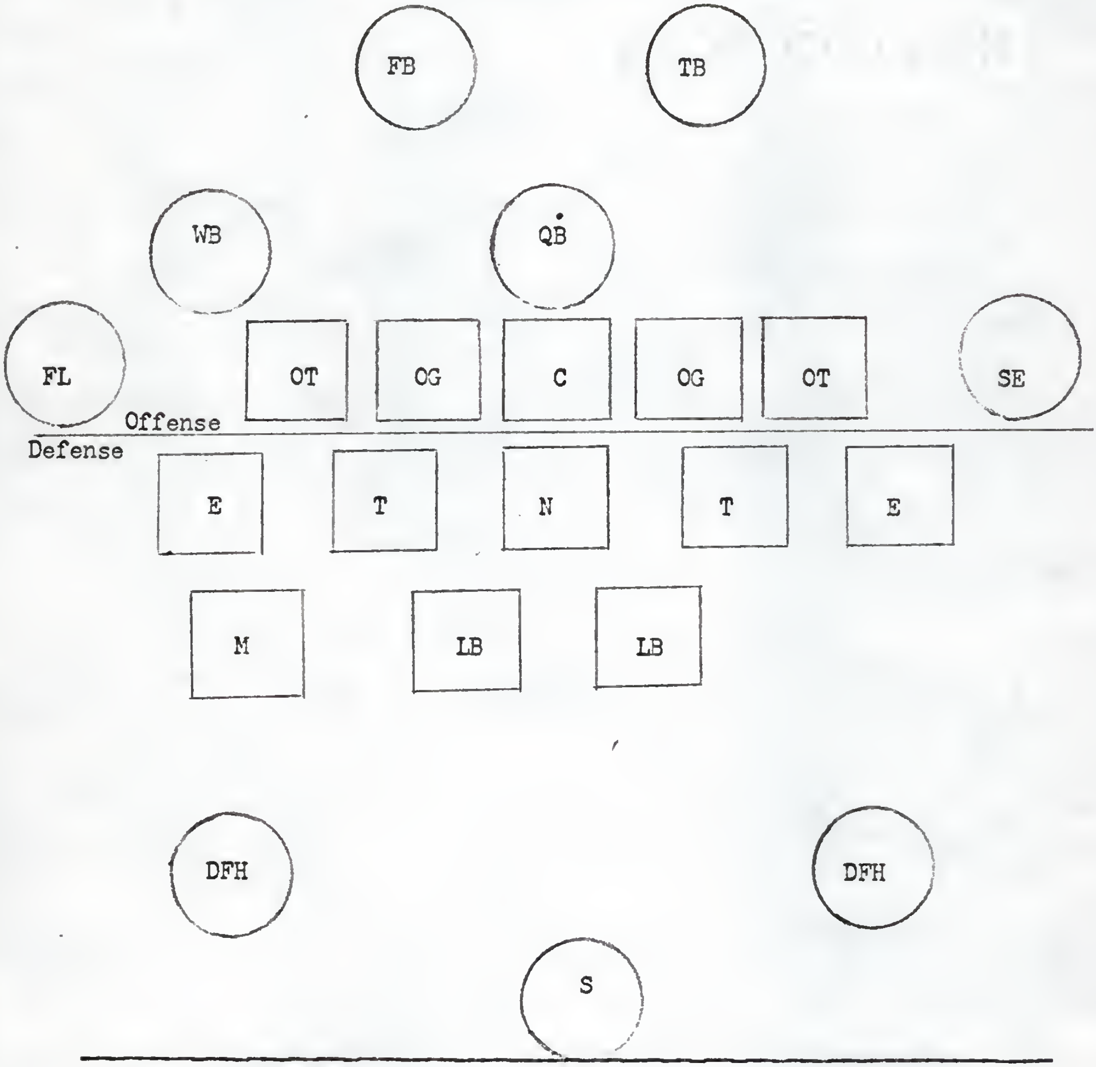
FB
TB
WB
QB
FL
OT
OG
C
OG
OT
SE
Offense
Defense
E
T
N
T
E
M
LB
LB
DFH
DFH
S

Figure 1. Positions Used in Analysis of Backfield (Designated by Circles) and Linemen (Designated by Squares).

Legend:

FB = Fullback
TB = Tailback
WB = Wingback
QB = Quarterback
SE = Split-End
OT = Offensive Tackle
OG = Offensive Guard
S = Safety

C = Center
E = End
T = Tackle
N = Nose
M = Monster
LB = Linebacker
DFH = Defensive Halfback

CHAPTER V

RESULTS

Mean Scores of Criterion and Prediction Groups

The results of criterion data were divided into three groups. Column One represents criterion football players (N = 49). Column Two and Three show the mean score for Linemen and the Backfield, respectfully. As a group, the Linemen were slightly taller, heavier, and performed better on sit-ups and the Middleness Test.

TABLE I

MEAN SCORES OF ALL VARIABLES FOR THE TOTAL, LINEMEN, AND BACKFIELD CRITERION GROUPS

	Total	Linemen	Backfield
PPC	67.98	65.29	70.56
HT	72.58	72.88	72.00
WT	202.53	213.21	192.28
CH	12.57	10.75	14.32
PS	37.80	36.42	39.12
SJ	58.67	57.08	60.20
RC	7.12	8.23	6.05
SU	29.61	29.75	29.48
VS	31.08	30.17	31.96
LQ	24.22	24.08	24.36
40 Yd.	4.93	5.03	4.83
MI	70.16	70.83	69.52

There were 74 football players that would be eligible to participate in the Fall 1969 season. Thirty-seven of this group played in the 1968 Fall season and 37 had not played varsity football at Kansas State University. The results presented in Table II show, as a mean group, the varsity to be better in chin-ups, stool jumps, push-ups, sit-ups, and the Middleness Test. The non-varsity, predominantly freshmen, were slightly taller, heavier, and executed slightly more vertical steps and lateral quickness.

TABLE II

MEAN SCORES FOR THE 74 PREDICTION SUBJECT GROUP
TOTAL, VARSITY, AND NON-VARSITY

	Total N = 74	Varsity N = 37	Non-Varsity N = 37
HT	72.58	72.42	72.78
WT	204.57	202.53	207.11
CH	11.84	12.57	10.89
PS	37.71	37.80	37.59
SJ	57.94	58.67	56.97
RC	7.27	7.12	7.43
SU	28.50	29.61	27.05
VS	31.30	31.08	31.59
LQ	24.28	24.22	24.35
40 Yd.	4.92	4.93	4.91
MI	69.39	70.26	68.38

Validity of Line and Backfield

From the data collected on the criterion group, a product-moment correlation matrix of the criteria (PPC--top row of Table III) and the eleven measured variables of the 24 subjects catagorized as Linemen was computed as follows on the following page.

TABLE III

INTERCORRELATION MATRIX OF PRODUCT MOMENT CORRELATION OF CRITERION AND ELEVEN VARIABLES FOR THE LINEMEN POSITIONS

	2	3	4	5	6	7	8	9	10	11	12
PPC	.022	-.054	.084	-.043	.304	.012	-.021	.283	.402	.241	-.037
2		.306	-.013	-.508	-.274	-.144	-.307	.162	-.327	-.289	-.085
3			-.340	-.230	-.221	-.662	.056	-.256	-.463	-.690	-.269
4				.691	.510	.207	.336	.079	.219	.135	.280
5					.729	.107	.563	.087	.256	-.007	.327
6						.116	.409	.485	.251	-.058	.388
7							.011	.389	.450	.529	.223
8								.249	.058	-.124	.325
9									.182	.207	.377
10										.387	.267
11											-.194

PPC = Percentage Plays Correct

2 = Height

3 = Weight

4 = Chin-ups

5 = Push-ups

6 = Stool jumps

7 = Rope climb

8 = Sit-ups

9 = Vertical Steps

10 = Lateral Quickness

11 = 40 yard dash

12 = Middleness Test

TABLE IV

INTERCORRELATION MATRIX OF PRODUCT MOMENT CORRELATION OF CRITERION AND ELEVEN VARIABLES FOR THE BACKFIELD POSITION

	2	3	4	5	6	7	8	9	10	11	12
PPC	.022	-.054	.084	-.022	-.001	.341	.123	-.036	.387	.023	-.079
2		.394	-.200	.041	-.292	-.141	.248	.103	.313	-.267	-.240
3			-.013	-.175	-.623	-.587	.081	-.286	-.216	-.126	-.339
4				.542	-.167	.194	-.023	-.007	-.016	.280	.241
5					.131	.340	.328	.317	-.318	.170	.404
6						.422	-.021	.442	-.085	-.282	.407
7							-.123	.281	-.106	-.075	.298
8								.291	-.058	-.205	-.066
9									-.247	.008	-.013
10										.438	-.025
11											-.265

PPC = Percentage Plays Correct

2 = Height

3 = Weight

4 = Chin=ups

5 = Push-ups

6 = Stool jumps

7 = Rope climb

8 = Sit-ups

9 = Vertical Steps

10 = Lateral Quickness

11 = 40 yard dash

12 = Middleness Test

A product-moment correlation for the Backfield positions (criterion group N = 25) was computed. The correlation of the PPC, listed on the top row of Table IV, was correlated with the eleven task performance variables. The correlation coefficients of the Linemen (r = .653) and Backfield (r = .731) were both significant at the .01 level.

From the regression equation, the eleven variables were picked in the order of the most contributing weight to the criterion. The amount of weight was indicated by the multiple correlation coefficient. For both groups, Backfield and Linemen, lateral quickness was the single best predictor of percentage plays correct. Rope climb, weight, and the Middleness test ranked in that order in the top four of the best predictors. (See Table V for the list of the eleven variables plus correlation coefficient.)

TABLE V

SELECTION OF VARIABLES FROM CRITERION

Selection	Variable	Multiple Correlation Coefficient	Variable	Multiple Correlation Coefficient
	LINEMEN		BACKFIELD	
1	Lateral Quickness	r = .402	Lateral Quickness	r=.387
2	Vertical Steps	.455	Rope Climb	.546
3	Rope Climb	.536	Weight	.648
4	Middleness Test	.584	40 Yard Dash	.672
5	Weight	.602	Middleness Test	.695
6	Stool Jumps	.612	Chin-ups	.704
7	Push-ups	.639	Sit-ups	.714
8	Height	.648	Vertical Steps	.722
9	Chin-ups	.652	Height	.728
10	Sit-ups	.652	Push-ups	.730
11	40 Yard Dash	.653	Stool Jumps	.731

Prediction and Ranking

The coaching staff made a personnel sheet, listing the twenty-two positions and the names of the individuals playing first, second, third, and fourth string. The ranking of players by the coaches was compared with the ranking by the PPC as judged by the regression equation. The ranking of the coaches and the regression equation for the Linemen is shown in Table VI. The same ranking procedure of Backfield positions is shown in Table VII. The two positions of Right Tackle and Nose were ranked exactly as the coaches did. The predicted Backfield positions of Left End and Right Halfback were completely correct also. The variation of the PPC as shown by standard error of estimate made prediction too fluctuating to be a good predictor. The Linemen PPC varied ± 6.65 while the Backfield PPC scores were ± 9.4.

A frequency distribution was constructed from Table VI and VII to show the amount of difference between the coaches ranking and the regression ranking. From the coaches' point of view, the regression ranked 35.1% of the players correctly for Backfield and Linemen. The result of the ranking differences is shown in Table VIII.

TABLE VI

RANKING OF FIRST, SECOND, THIRD, AND FOURTH STRING LINEMEN AS JUDGED BY THE COACHES AND THE REGRESSION EQUATION COMPUTED FROM THE OFF-SEASON PROGRAM

Position of Linemen	Estimated PPC	Ranking by PPC	Ranking by Coaches	Difference in ranking
OLT				
a	67.26	1	1	0
b	61.39	3	2	1
c	64.07	2	3	1
d	52.47	4	4	0
OLG				
a	69.26	1	1	0
b	66.11	3	2	1
c	53.27	4	3	1
d	68.25	2	4	2
C				
a	67.32	2	1	1
b	68.60	1	2	1
ORG				
a	62.83	2	1	1
b	76.84	1	2	1
c	49.00	3	3	0
ORT				
a	58.23	3	1	2
b	70.23	1	2	1
c	69.15	2	3	1

Position of Linemen	Estimated PPC	Ranking by PPC	Ranking by Coaches	Difference in ranking
DLT				
a	63.60	2	1	1
b	58.67	4	2	2
c	62.24	3	3	0
d	72.49	1	4	3
SL				
a	58.40	4	1	3
b	63.90	3	2	1
c	64.39	2	3	1
d	67.63	1	4	3
N				
a	74.55	1	1	0
b	66.50	2	2	0
c	52.57	3	3	0
BL				
a	74.24	1	1	0
b	67.33	2	2	0
c	58.50	4	3	1
d	62.49	3	4	1
DRT				
a	64.91	1	1	0
b	60.51	2	2	0
M				
a	70.92	1	1	0
b	61.47	4	2	2
c	70.73	2	3	1
d	63.76	3	4	1

OLT=Offensive Left Tackle
OLG=Offensive Left Guard
C =Center
ORG=Offensive Right Guard
ORT=Offensive Right Tackle

DLT=Defensive Left Tackle
SL =Strongside Linebacker
N =Nose
BL =Backside Linebacker
DRT=Defensive Right Tackle
M =Monster

TABLE VII

RANKING OF FIRST, SECOND, THIRD, AND FOURTH STRING BACKFIELD AS JUDGED BY THE COACHES AND THE REGRESSION EQUATION COMPUTED FROM THE OFF-SEASON PROGRAM

Position of Linemen	Estimated PPC	Ranking by PPC	Ranking by Coaches	Difference in ranking	Position of Linemen	Estimated PPC	Ranking by PPC	Ranking by Coaches	Difference in ranking
FL					SE				
a	62.70	4	1	3	a	75.84	2	1	1
b	69.70	2	2	0	b	60.85	4	2	2
c	76.20	1	3	2	c	67.37	3	3	0
d	65.76	3	4	1	d	80.09	1	4	3
WB					LE				
a	67.17	3	1	2	a	72.78	1	1	0
b	69.30	2	2	0	b	62.84	2	2	0
c	81.12	1	3	2	c	45.63	3	3	0
QB					RE				
a	80.32	2	1	1	a	62.22	3	1	2
b	82.19	1	2	1	b	62.43	2	2	0
c	61.27	3	3	0	c	80.62	1	3	2
d	51.86	4	4	0					
TB					LHB				
a	71.30	2	1	1	a	82.54	2	1	1
b	68.48	3	2	1	b	84.78	1	2	1
c	94.52	1	3	2	c	65.97	3	3	0
					d	44.21	4	4	0
FB					RHB				
a	76.48	2	1	1	a	70.06	1	1	0
b	71.08	3	2	1	b	62.75	2	2	0
c	63.75	4	3	1	S				
d	78.02	1	4	3	a	63.60	3	1	2
					b	76.56	1	2	1
					c	74.02	2	3	1

FL = Flanker
WB = Wingback
QB = Quarterback
TB = Tailback
FB = Fullback

SE = Split-End
LE = Left End
RE = Right End
LHB= Left Halfback
RHB= Right Halfback
S = Safety

TABLE VIII

FREQUENCY DISTRIBUTION OF THE COACHES' RANKING AND REGRESSION PREDICTION FOR LINEMEN AND BACKFIELD

Amount of Difference in Ranking	Frequency	% Correct	Amount of Difference in Ranking	Frequency	% Correct
Linemen:			Backfield:		
3	2	5.4	3	3	8.1
2	5	13.5	2	8	21.6
1	17	45.9	1	13	35.1
0	13	35.1	0	13	35.1

CHAPTER VI

DISCUSSION

The most beneficial factor to be incorporated in this research would be a large enough sample, sufficient to categorize players by positions rather than simply Linemen and Backfield. By such an approach, a coach could begin to evaluate more specifically those skills involved for a particular position.

The variables involved in this study were not in themselves related to football skills, but served as calisthenics. Thus, in order to obtain data that would be more reliable as a predictor of player performance, it would be necessary to seek variables that correlate higher with abilities. Such measures as finger dexterity, spatial aptitude, form perception, and intelligence would be possible avenues to follow.

The results of this paper were presented to members of the Football staff. The most important observations acknowledged by them were: (1) the pick of Lateral Quickness for both Linemen and Backfield as the best predictor of player performance; (2) the high correlation between push-ups and stool-jumps; and (3) the motivational level of subjects as indicated by estimated PPC. The coaches unanimously agreed that the predicted PPC score was an excellent indicator of how hard the subjects were working during the off-season program.

Injury and sickness caused predictions to be low, thus causing the greatest amount of difference between coaches and the regression ranking.

The method of analysis developed by the author has been adapted for the Spring of 1970 off-season program to perform the following functions: (1) a weekly computer print-out of all variables for each player; (2) a tally of points for superior scores for each variable; (3) a weekly computer print-out of estimated PPC for each player, not as an indicator of projected game performance, but as an indication of a weekly motivational level for each player during the off-season program; and (4) a normalized profile as suggested in Appendix B.

One major weakness was the duration of time of the late Winter off-season program and the Fall games. The physical abilities for a given subject could be changed considerably; hence, the person who may continue to condition himself through out the summer may have been ranked too low according to the conditioning level during the off-season program.

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BIBLIOGRAPHY

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APPENDIX A

```
//Step 1    Exec Figclgks

//Fort.Sysin DD *

C     360 Stepwise Multiple Regression Program, 3/14/66             0010
C     KSU Revised
C
C
C     This program is in double precision.  The number of variables
C     is limited to 58, but this may be increased to a maximum of
C     999 by adjusting dimensions of all variables which now are
C     Dimensioned for 58.  58 variables include 57 explanatory and
C     one dependent.
C     The number of observations is limited to 9999, and must exceed
C     The number of variables by at least 2.
C     The specified incoming F level must not be less than the speci-
C     fied outgoing F level.
C     The variable format for the data is read in with the control
C     Cards.  Transformations are performed in the subroutine trans,
C     and must be added by the user.  Subroutine trans must be pre-
C     sent, even if no transformations are performed.
C     Cards preceding data must be these, and must occur in this order:
C       Number of problems
C       Heading
C       Problem parameters
C       Variable name deck
C       Data format
C     Description of the formats for these cards is found in the
C     program writeup.
C       This program assumes that variable names will be used with
C       the data.
C     If variable names are not desired, statement No. 91 must be
C     changed to read NNA=0, and the variable names should be ex-
C     cluded from the data deck.  Cards specifying the dependent
C     variable for each regression must follow the data.
C
C
C     Phase 1.  Transform original data, compute and print means,   0260
C     Standard deviations, and simple correlation coefficients.     0270
      Implicit real*8(A-H,O-Z)
C     Dimensions                                                    0280
      Dimension XXBAR(58), SSIGMA(58)
      Dimension Name(58,2),ISAVE(58)
      Dimension Data(58), RRIJ(58,58), FMT(20)
      Dimension RIJ(58,58),XBAR(58),SIGMA(58),AID(18)                0310
      Dimension SIGB(58),B(58),ID(60)                                0320
```

```
C       Equivalences                                                    0330
        Equivalence (SIGMA(1),DATA(1))                                  0340
      1 Format (20A4)
      2 Format (213,14,13,2F6.3,11)
      3 Format (F10.4,F10.3,3F10.4)
      4 Format (2A4)
      5 Format ('0Variable numbers and names')
      6 Format (6(' ',13,3X,2A4,5X))
      7 Format ('0Step number ',13,10X,'ENTER Variable ',13,3X,2A4)
     51 Format ('0Averages')                                            1250
     52 Format (4(' Var(',13,')=',F10.2,A1))
     53 Format ('0Standard Deviations')                                 1290
     55 Format ('0Simple correlation coefficients')                     1320
     56 Format (4(' Vars(',13,',',13,')=',F7.3,A1))
     57 Format ('0Step Number ',13,10X,'Enter variable ',13)
     58 Format (' Standard Error of Estimate=',F11.3)                   1890
     59 Format (' Multiple Correlation coefficient =',F6.3)             1920
     60 Format (' Constant Term=',F12.4)                                1990
     61 Format ('0Var    Coeff     Std Dev    T Value    Beta Coeff')   2010
     62 Format ('                   Coeff')                             2030
     63 Format (' ',13,F10.4,F12.4,F10.4,F12.4)                         2080
     64 Format ('0Step Number ',13,10X,'Delete variable ',13)
     65 Format ('1',18A4)                                               1230
     66 Format (' Goodness of Fit,F(',14,',',14,')=',F10.4)
     67 Format ('0 Obs        Actual     Estimate     Residual')        2520
     68 Format (' ',14,3F12.2)                                          2610
     69 Format ('-Selection ',14,10X,'Dependent variable  ',14,10X,
          14,' in 1 dependent variables')
     80 Format (1X,'number of selections not specified.  Job termi-
          nated.')
     82 Format (1X,'Degrees of freedom =0.  Either add more data
          observation 1S or delete one or more independent
          variables.'/'sample size must exceed number of
          independent variables by at least two.')
     83 Format (1X,'F level for incoming variable is less than F
          level for outgoing variable.')
     84 Format (2613)
     85 Format (1H-,'Normal end of program')
C       Statement label 101 is not referenced. It marks the first       0350
C       Executable statement of the source program.                     0360
C       ICom is fixed decimal representation of alphabetic comma.       0370
     91 MMA=1
    101 ICom=1799372864                                                 0380
        Read (1,2) NPROBS
        Do 1033 KNT=1,NPROBS
        Rewind 10
C       Read I.D.                                                       0400
```

```
        Read (1,1)(AID(I), I=1,18)
C       Read Control Card
        Read (1,2)NVIN, NVAR, NOBS, NSEL, FIN, FOUT, IRES
        if (FIN-FOUT) 1010, 730,370
   730  If(NNA.NE.1) Go to 740
        Read (1,4) ((NAME9I,J),J=1,2),I=1,NVAR)
   740  Read (1,1) FMT
C       Initialize.
        OBS=NOBS
        NINDV=NVAR-1
        DO 90 I=1, NVAR
        XBAR(I)=0.0
        SIGMA(I)=0.0
        Do 90 J=1,NVAR
    90  RIJ(I,J)=0.0
        Read data, form sums vector, sums of squares matrix
        do 110 I=1, NOBS
        Read (1,FMT) (Data(J),J=1,NVIN)
C       Transformation of raw data
   750  Call Trans (Data)
   860  If (IRES) 870,880,870
C       Write data file
   870  Write (10) (Data(J),J=1,NVAR)
   880  Do 100 J=1,NVAR
        XBAR(J)=XBAR(J)+Data(j)
        Do 100 K=1,NVAR
   100  RIJ(J,K)=RIJ(J,K)+Data (j)*data(k)
   110  Continue
C       Compute Standard deviations*SQR Route (OBS-1)
        Do 120 I-1,NVAR
   120  Sigma(I)=(RIJ(I,I)-XBAR(I)*XBAR(I)/OBS)**.5
C       Compute correlation Matrix
        Do 130 I=1,NVAR
        Do 130 J=1,NVAR
        RIJ(I,J)=(RIJ(I,J)-XBAR(I)*XBAR(J)/OBS)/(SIGMA(I)*SIGMA(J)
   130  RRIJ(I,J)=RIJ(I,J)
C       Compute Means and Standard Deviations
        Do 140 I=1,NVAR
        XBAR(I)=XBAR(I)/OBS
        Sigma(I)=Sigma(I)/(OBS-1.0)**.5
        SSigma(I)-Sigma(I)
   140  XXBAR(I)=XBAR(I)
C       Skip to new page, write I.D., Averages, Standard Deviations,
C       and simple correlation matrix.
        Write (3,65)(Aid(I),I=1,18)
        If(NNA.NE.1) Go to 741
        Write (3,5)
```

```
      Write (3,6)(I,(Name(I,J),J-1,2),I-1,NVAR)
  741 Write (3,51)
      Write (3,52)(I,XBAR(I),ICOM,I=1,NINDV),NVAR,XBAR(NVAR)
      Write (3,53)
      Write (3,52)(I,SIGMA(I),ICOM, I=1,NINDV),NVAR, SIGMA(NVAR)
      Write (3,55)
      Do 150 I=1,NINDV
  150 Write (3,56)(I,J,RIJ(I,J),ICOM,J=I,NINDV),I,NVAR,RIJ(I,NVAR)
C     Phase 2. Perform Stepwise calculations and print results.
      If(NSEL)1030,1030,1031
 1031 Do 1032 NI=1,NSEL
      Read (1,84) NDEP,NIIN,(ISAVE(I),I=1,NIIN)
      Write (3,69) NI,NDEP,NIIN
      Do 151 I=1,NVAR
      Sigma(I)=SSigma(I)
      XBAR(I)=XXBAR(I)
      Do 151 J=1,NVAR
  151 RIJ(I,J)=RRIJ(I,J)
C     Initialize
      Do 190 I=1,NVAR
      SIGB(I)=0.0
  190 B(I)=0.0
      NENT=0
      DF=OBS-1.0
      NSTEP=-1
C     Transform Sigma Vector from Standard Deviations to Square
C     Roots of Sums of Squares.
      Do 310 I-1,NVAR
  310 Sigma(I)=Sigma(I)*(OBS-1.0)**.5
C     Begin Step Number NStep.
  200 NStep=NStep+1
      STDEE=((RIJ(NDEP,NDEP)/DF)**.5)*Sigma(NDEP)
      DF=DF-1.0
      If (DF) 1000,1000,205
  205 VMIN=0.0
      VMAX=0.0
      NIN=0
      NIIN1=NIIN+1
      ISAVE(NIIN1 )=NDEP
C     Find minimum variance contribution of variables in regres-
C     sion equation.  Find maximum variance contribution of
C     variables not in regression equation.
      Do 300 I2=1,NIIN1
      I=ISAVE(I2)
      If(I.EQ.NDEP) Go to 300
      If(RIJ(I,I)-.001)300,300,210
  210 VI=RIJ(I,NDEP)*RIJ(NDEP,*)/RIJ(I,I)
      If(VI)240,300,220
  220 If(VI-VMAX)300,300,230
  230 VMax=VI
      NMax=I
      Go to 300
  240 NIN=NIN+1
      ID(NIN)=I
C     Compute Regression Coefficient and its standard deviation.
      B(NIN)=RIJ(I,NDEP)*SIGMA(NDEP)/SIGMA(I)
      SIGB(NIN)=(STDEE*RIJ(I,I)**.5)/SIGMA(I)
      If(VMIN)250,260,1000
  250 If(VI-VMIN)300,300,260
  260 VMIN=VI
      NMIN=1
  300 Continue
      If(NIN)1000,460,400
C     Compute constant term.
  400 BSUBO=XBAR(NDEP)
      Do 410 I=1,NIN
      J=ID(I)
  410 BSUBO=BSUBO-B(I)*XBAR(J)
      If(NENT)1000,480,421
C     Output for variable added.
  421 If(NMA.NE.1) Go to 420
      Write (3,7) NSTEP,K,(NAME(K,I),I=1,2)
      Go to 425
  420 Write (3,57)NSTEP,K
  425 Write (3,58) STDEE
      R=(1.-RIJ(NDEP,NDEP))**.5
      Write (3,59)R
      IDFN=OBS-DF-2.0
      IDFD=DF+1.0
      F=(SIGMA(NDEP)**2-(STDEE**2)*(DF+1.0))/((OBS-DF-2.0)*STDEE**2)
      Write (3,66)IDFN,IDFD,F
      Write (3,60)BSUBP
      Write (3,61)
      Write (3,62)
      Do 430 I=1,NIN
      J=ID(I)
      T=B(I)/SIGB(I)
  430 Write (3,63)ID(I),B(I),SIGB(I),T,RIJ(J,NDEP)
C     Compute F level for minimum variance contribution variable
C     in regression equation.
      FLEVL=VMIN*DF/RIJ(NDEP,NDEP)
      IF(FOUT+FLEVL)460,460,450
C     Initialize for removal of variable K from equation.
  450 K=NMIN
      NENT=0
      DF=DF+2.0
      Go to 500
C     Compute F level for maximum variance contribution variable
C     not in equation.
  460 FLevl+VMAX*DF/(RIJ(NDEP,NDEP)-VMAX)
      If(FLevl-FIN)600,600,470
C     Initialize for entry of variable K into equation.
  470 K=NMAX
```

```
      NENT=K
      Go to 500
C     Output for variable deleted
  480 Write (3,64)NStep,K
      Go to 425
C     Update Matrix
  500 Do 540 I2=1,NIIN1
      I=ISAVE(I2)
      IF(I-K)510,540,510
  510 Do 530 J2=1,NIIN1
      J=ISAVE(J2)
      IF(J-K)520,530,520
  520 RIJ(I,J)=RIJ(I,J)-RIJ(I,K)*RIJ(K,J)/RIJ(K,K)
  530 Continue
  540 Continue
      Do 560 J2=1,NIIN1
      J=ISAVE(J2)
      IF(J-K)550,560,550
  550 RIJ(K,J)=RIJ(K,J)/RIJ(K,K)
  560 Continue
      Do 580 I2=1,NIIN1
      I=ISAVE(I2)
      IF(I-K)570,580,570
  570 RIJ(I,K)=-RIJ(I,K)/RIJ(K,K)
  580 Continue
      RIJ(K,K)=1.0/RIJ(K,K)
      Go to 200
  600 IF(IRES)610,1032,610
C     Print Residuals
  610 Rewind 10
      Write (3,67)
      Do 630 KD=1,NOBS
      Read(10)(DATA(I),I=1,NVAR)
      EST=BSUBO
      Do 620 I=1,NIN
      J=ID(I)
  620 EST=EST+B(I)*data(J)
      RESID=data(NDEP)-EST
      Write (3,68) KO,Data(NDEP),EST,RESID
  630 Continue
      Rewind 10
 1032 Continue
 1033 Continue
      Write (3,85)
      Go to 1020
 1000 Write (3,82)
      Go to 1020
 1030 Write (3,80)
```

```
      Go to 1020
 1010 Write (3,83)
 1020 Stop
      End
      SUBROUTINE TRANS(DATA)
      DIMENSION DATA (1)
      DOUBLE PRECISION DATA
C     TRANSFORMATIONS HERE
      RETURN
      END
```

APPENDIX B

PLAYER PROFILE NAME A POSITION Flanker YEAR ______ DATE 2/28/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99					[illegible]	2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88		[illegible]			1.2		88						1.2		
			84	8.7				1.0		84						1.0		
			79					.8		79						.8		
			73					.6	[illegible]	73	.78					.6		.73
			66			.70		.4		66		.77				.4	[illegible]	
	[illegible]		58					.2		58				61		.2		
			50					0		50						0		
			42				[illegible]	-.2		42						-.2		
			34					-.4		34						-.4		
		[illegible]	28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11			[illegible]			-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	[illegible]	[illegible]		11.8	[illegible]	7.3	28.5				[illegible]	[illegible]	[illegible]	4.9	69.4			
Raw	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
		s Score		[illegible]	1.3	.5	0		.7		.8	.6	-1.1	.2	2.2		.56	[illegible]

PLAYER PROFILE NAME B POSITION Flanker YEAR ____ DATE 2/28/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
			99					2.2		99					78	2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79			[illegible]	[illegible]		.8		
			73					.6		73						.6		
			66		[illegible]			.4		66						.4		
			58	65			[illegible]	.2		58						.2	[illegible]	61
		[illegible]	50					0		50						0		
			42			4.6		-.2		42						-.2		
			34					-.4		34		34				-.4		
	32.6		28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16	16					-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	72.6	[illegible]		11.8	[illegible]	7.3	22.5				51.9	31.3	24.3	[illegible]	69.4			
Raw	71	[illegible]		12	[illegible]	6.5	[illegible]				[illegible]	33	26	4.8	77			
			s Score	.1	.5	.1	[illegible]		[illegible]		-1.0	-.1	[illegible]	[illegible]	2.2		.41	[illegible]

PLAYER PROFILE NAME C POSITION Flanker YEAR ______ DATE 2/28/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96				17		1.8		
			94					1.6		94		95				1.6		
			92					1.4		92						1.4		
	7		88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73			7.1		.6		73						.6		
		[illegible]	66				72	.4		66						.4		
			58					.2	[illegible]	58						.2		
			50		57			0		50						0	[illegible]	[illegible]
			42					-.2		42						-.2		
			34	[illegible]				-.4		34						-.4		
			28					-.6		28	[illegible]		31			-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1					1	-2.2		
Mean	72.6	[illegible]		11.8	34.1	7.3	28.5				51.9	31.3	24.3	[illegible]	69.4			
Raw	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
		s Score		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	1.9	-2.2		.06	.17

PLAYER PROFILE NAME D POSITION Flanker YEAR DATE 2/28/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84					1.0		84						1.0		
				79					.8		79						.8		
				73					.6		73	73		77			.6		
				66					.4		66						.4		
				58					.2		58				61		.2	58	
				50					0		50					50	0		
				42					-.2		42		42				-.2		
				34			38		-.4		34						-.4		
				28	21				-.6		28						-.6		
		23		21					-.8	22	21						-.8		
				16		16			-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8				10	-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
			[illegible]	2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		[illegible]	204.5		11.8	[illegible]	7.3	[illegible]				57.9	31.3	24.3	4.9	[illegible]			
Raw		[illegible]	[illegible]		8	30	7.0	25				60	[illegible]	[illegible]	4.5	[illegible]			
s Score					-.5	-1.0	-.8	-1.2		-.18		[illegible]	-.2	.6	[illegible]	0		.26	-.26

PLAYER PROFILE NAME A POSITION wingback YEAR ______ DATE 2/28/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96	97					1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88		[illegible]				1.2		
			84			[illegible]		1.0		84						1.0		
			79					.8		79						.8	[illegible]	
			73					.6		73						.6		
			66					.4		66					71	.4		
			58					.2		58				61		.2		[illegible]
			50					0		50			56			0		
			42				44	-.2	46	42						-.2		
			34	36				-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
		[illegible]	8		[illegible]			-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
	[illegible]		2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	[illegible]	[illegible]		11.8	[illegible]	4.3	[illegible]				57.9	31.3	24.3	4.9	69.4			
Raw	67	175		9	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
s Score				[illegible]	-1.3	1.1	[illegible]		[illegible]		[illegible]	1.2	[illegible]	[illegible]	[illegible]		.84	.35

PLAYER PROFILE NAME B POSITION wingback YEAR ______ DATE 2/28/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84					1.0		84						1.0		
				79					.8		79			[illegible]			.8		
				73					.6		73						.6		
				66				[illegible]	.4		66						.4		
				58	65				.2		58		[illegible]				.2		
				50					0		50						0	[illegible]	
		[illegible]		42					-.2	[illegible]	42	[illegible]				[illegible]	-.2		[illegible]
			[illegible]	34			35		-.4		34				37		-.4		
				28					-.6		28						-.6		
				21					-.8		21						-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		[illegible]	[illegible]		11.8	[illegible]	7.3	28.5				51.9	31.3	[illegible]	4.9	[illegible]			
Raw		72	[illegible]		12	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
s Score					[illegible]	-1.3	[illegible]	[illegible]		-.18		[illegible]	.2	.2	-.3	-.2		.1	[illegible]

PLAYER PROFILE NAME C POSITION wingback YEAR DATE 2/28/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96			[illegible]		1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88	90				1.2		88				[illegible]		1.2		
			84					1.0		84	86					1.0		
			79					.8		79						.8		
			73					.6		73			[illegible]			.6	[illegible]	[illegible]
			66					.4	[illegible]	66					67	.4		
			58					.2		58		57				.2		
			50		57			0		50						0		
	[illegible]		42					-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
		[illegible]	21					-.8		21						-.8		
			16				20	-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	[illegible]	[illegible]		16.8	37.1	7.3	22.5				57.9	31.3	21.3	4.9	69.4			
Raw	[illegible]	[illegible]		18	37	[illegible]	[illegible]				62	32	25	4.7	74			
			s Score	1.2	.1	1.5	-.8		.58		1.1	.2	.6	1.3	.5		.74	.66

PLAYER PROFILE NAME A POSITION Quarterback YEAR ______ DATE 2/28/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
	[illegible]		94	95				1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84		87			1.0		84						1.0		
			79					.8		79						.8		
			73			74		.6	75	73						.6		
			66					.4		66						.4		
			58					.2		58						.2		
			50					0		50		50				0		55
			42					-.2		42	41					-.2	[illegible]	
			34					-.4		34				39		-.4		
			28					-.6		28			31		31	-.6		
		[illegible]	21					-.8		21						-.8		
			16				20	-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	72.6	[illegible]		11.8	34.1	7.2	[illegible]				57.9	31.3	24.3	4.9	[illegible]			
Raw	76	189		20	41	5.0	[illegible]				58	31	[illegible]	5.0	62			
			s Score	1.7	1.1	.7	-.8		[illegible]		0	0	-.5	-.3	-.5		-.26	.21

PLAYER PROFILE NAME B POSITION Quarterback YEAR ________ DATE 2/28/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98			98			2.0		
			96					1.8		96					97	1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84	84		84		1.0		84	86					1.0	[illegible]	
			79					.8		79				79		.8		[illegible]
			73					.6		73						.6		
			66					.4	[illegible]	66						.4		
	[illegible]		58				58	.2		58						.2		
			50					0		50		50				0		
			42		42			-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
		[illegible]	16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		

	% Plays correct	Height	Weight	Chin-ups	Push-ups	Rope-climb	Sit-ups	Total Strength	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Total Speed	Total Strength and Speed
Mean		[illegible]	[illegible]	11.8	34.1	7.3	28.5		57.9	31.3	24.3	4.9	69.4		
Raw		73	185	17	[illegible]	[illegible]	[illegible]		62	31	28	4.8	96		
s Score				1.1	0	1.0	[illegible]	.58	1.1	0	2.0	.8	1.9	1.16	.87

PLAYER PROFILE NAME C POSITION Quarterback YEAR ______ DATE 2/28/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88					87	1.2		
				84					1.0		84						1.0		
				79					.8		79						.8		
		[illegible]		73					.6		73						.6		
				66					.4		66						.4		
				58					.2		58						.2		
				50	57				0		50			56			0		
				42				49	-.2	47	42						-.2	[illegible]	
				34			35		-.4		34	37					-.4		
				28					-.6		28						-.6		[illegible]
			[illegible]	21					-.8		21		23		26		-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		[illegible]	204.5		11.8	37.1	7.3	[illegible].5				59.9	31.3	23.3	4.9	69.4			
Raw		72	191		11	36	7.6	22				57	28	24	5.1	87			
s Score					0	0	-.1	[illegible]		-.1		-.4	-.4	.2	-.6	1.2		-.06	[illegible]

PLAYER PROFILE NAME D POSITION Quarterback YEAR ______ DATE 2/28/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate x Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
	[illegible]		98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88		[illegible]				1.2		
			84					1.0		84	86					1.0		
			79					.8		79					81	.8		
			73					.6		73			77			.6	[illegible]	
			66					.4		66						.4		
			58					.2		58						.2		
		.2	50					0		50						0		
			42	43				-.2		42						-.2		
			34					-.4		34						-.4		
			28				31	-.6		28						-.6		
			21					-.8	[illegible]	21				26		-.8		
			16		17			-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8			10		-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	72.6	[illegible]		11.8	34.7	9.3	22.5				57.9	31.3	24.3	4.9	69.4			
Raw	71	205		10	31	11.9	27				62	35	25	5.1	83			
s Score				-.2	-.9	-1.3	-.5		-.73		1.1	1.2	.3	-.6			.61	.045

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PLAYER PROFILE NAME A POSITION Tailback YEAR ______ DATE 2/28/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99			99		2.2		99		99				2.2		
			98					2.0		98						2.0		
			96					1.8		96				97		1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79				83	.8		79						.8		
			73					.6	76	73			77			.6	76	76
			66					.4		66						.4		
		59.3	58					.2		58						.2		
			50					0		50						0		
	44		42		[illegible]			-.2		42	49					-.2		
			34	36				-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16					17	-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	72.6	204.5		11.8	34.7	7.3	28.5				51.9	41.3	21.3	4.9	44			
Raw	72	207		9	36	4.2	31				58	58	25	4.6	55			
s Score				-.4	0	2.2	1.0		.7		.3	2.2	.6	1.9	-1.0		.74	.72

PLAYER PROFILE NAME B POSITION Tailback YEAR DATE 2/28/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96	97					1.8		
				94					1.6		94		95				1.6		
				92					1.4		92						1.4		
				88					1.2		88				90		1.2		
				84					1.0		84						1.0	85	
				79		79			.8		79						.8		79
				73	77		77		.6		73						.6		
				66					.4	72	66						.4		
				58				58	.2		58					60	.2		
				50					0		50			56			.0		
				42					-.2		42						-.2		
				34					-.4		34						-.4		
		[illegible]		28					-.6		28						-.6		
				21					-.8		21						-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
			[illegible]	4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		[illegible]	[illegible]		11.8	37.7	7.3	[illegible]				57.9	[illegible]	[illegible]	4.9	[illegible]			
Raw		71	170		15	43	5.5	[illegible]				68	[illegible]	[illegible]	4.7	72			
s Score					.7	.8	.7	[illegible]		.6		1.9	1.7	.2	1.3	.3		1.08	.84

PLAYER PROFILE NAME C POSITION Tailback YEAR DATE 2/28/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96			97		1.8		96			97	97		1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84	87	87			1.0		84	86					1.0		
			79					.8		79						.8		
			73					.6	78	73						.6	76	[illegible]
			66					.4		66						.4		
			58					.2		58		59				.2		
			50					0		50						0		
		[illegible]	42					-.2		42						-.2		
			34					-.4		34						-.4		
	33.6		28					-.6		28						-.6		
			21					-.8		21						-.8		
			16				20	-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6					2	-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		

	% Plays correct	Height	Weight	Chin-ups	Push-ups	Rope-climb	Sit-ups	Total Strength	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Total Speed	Total Strength and Speed
Mean		72.6	[illegible] 4.5	11.2	53.7	7.3	.35		57.9	41.3	24.3	4.9	6.24		
Raw		71	199	17	49	4.5	26		62	32	27	4.6	46		
s Score				1.1	1.1	1.9	-.8	.83	1.1	.2	[illegible]	[illegible]	-1.6	.7	.77

PLAYER PROFILE NAME A POSITION Fullback YEAR ______ DATE 2/28/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98			98		2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
	92		88					1.2		88				90		1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73			77			.6		
			66				72.	.4		66						.4		
			58					.2	61	58						.2		
			50					0		50						0	53	57
			42	43				-.2		42						-.2		
			34					-.4		34	37	[illegible]			34	-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
		18.4	16		16			-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		

Mean		[illegible]	204.5	11.8	32.7	7.3	[illegible]				57.9	21.8	[illegible]	4.9	63.4			
Raw		75	184	10	25	4.9	30				57	21	25	4.7	63			
			s Score	-.2	-1.0	2.0	.6		.35		-.4	-.4	.6	1.3	-.4		.14	.25

PLAYER PROFILE · NAME B POSITION Fullback YEAR DATE 2/28/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84		87	81		1.0		84	86					1.0		
				79					.8		79						.8		
				73					.6	78	73						.6		73
				66				72	.4		66		71				.4	67	
				58	65				.2		58				61	58	.2		
				50					0		50			56			0		
				42					-.2		42						-.2		
				34					-.4		34						-.4		
				28					-.6		28						-.6		
		233		21					-.8		21						-.8		
				16					-1.0		16						-1.0		
			11.6	11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	32.2	7.3	28.5				57.9	31.3	24.3	4.9	62.4			
Raw		70	181		12	41	5.2	30				63	33	37	4.8	71			
s Score					.4	1.1	1.1	.6		.8		1.1	.6	.2	.3	.2		.48	.64

PLAYER PROFILE NAME C POSITION Fullback YEAR DATE 2/28/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88				90		1.2		
				84					1.0		84						1.0		
			79	79		79			.8		79						.8		
				73					.6		73						.6		
				66					.4		66						.4		
				58					.2		58						.2		
				50					0		50			56			0		
				42					-.2	47	42	49					-.2	47	47
				34			32		-.4		34						-.4		
				28	31			31	-.6		28					31	-.6		
				21					-.8		21						-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6		7				-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
		2.2		1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	32.7	7.3	30.5				57.9	31.3	24.5	4.9	69.4			
Raw		63	218		8	43	7.0	27				58	25	31	4.7	62			
				s Score	-.5	.8	-.3	-.5		-.13		0	-1.5	.2	1.3	-.5		-.1	-.12

PLAYER PROFILE NAME D POSITION Fullback YEAR DATE 2/28/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middlemoss Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99			99			2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
		90.7		88					1.2		88				90		1.2		
				84					1.0		84						1.0		
				79					.8		79						.8		
				73					.6		73						.6		
				66				72	.4		66						.4		
			64.0	58					.2		58						.2	62	
				50	52				0		50		50				0		52
				42					-.2	44	42						-.2		
				34					-.4		34						-.4		
				28			28		-.6		28	28					-.6		
				21					-.8		21						-.8		
				16		19			-1.0		16						-1.0		
				11					-1.2		11					13	-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	32.7	7.3	28.5				52.9	31.3	24.3	4.9	69.4			
Raw		75	210		11	31	8.6	30				55	31	29	4.1	52			
				s Score	0	-.9	-.6	.6		-.23		-.6	0	2.2	1.3	-1.1		.36	.065

PLAYER PROFILE NAME A POSITION split-end YEAR ______ DATE 2/28/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96			97	97		1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88		88				1.2		
				84			87		1.0		84						1.0	97	
				79					.8		79						.8		
				73	77				.6		73	73					.6		78
				66					.4	67	66						.4		
				58					.2		58					58	.2		
				50		57			0		50						0		
				42				49	-.2		42						-.2		
				34					-.4		34						-.4		
				28					-.6		28						-.6		
				21					-.8		21						-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
		-1.7		4					-1.8		4						-1.8		
			3.5	2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	37.7	21.3	28.5				57.9	21.3	24.3	4.9	69.4			
Raw		62	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]				60	35	27	4.6	71			
s Score					.7	.8	1.0	0		.48		.6	1.2	1.9	1.9	.2		1.16	.82

PLAYER PROFILE NAME B POSITION Split-End YEAR ____ DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99	99					2.2		
				98					2.0		98		98				2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92		93			1.4		92						1.4		
				88					1.2		88						1.2		
				84	84				1.0		84					85	1.0		
				79				83	.8	82	79						.8		80
		76.7		73					.6		73						.6	77	
				66					.4		66						.4		
				58			63		.2		58				61		.2		
				50					0		50						0		
				42					-.2		42						-.2		
				34					-.4		34						-.4		
			20.2	28					-.6		28						-.6		
				21					-.8		21						-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6			6			-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	31.7	73	28.5				57.9	31.3	[illegible]	4.9	[illegible]			
Paw		[illegible]	[illegible]		16	47	[illegible]	31				[illegible]	31	31	[illegible]	[illegible]			
			s Score		1.0	1.5	.4	1.0		.98		2.2	2.0	-1.6	.3	1.0		.78	.88

PLAYER PROFILE NAME C POSITION Split-End YEAR ______ DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88		90			1.2		88						1.2		
			84	84				1.0		84						1.0		
			79					.8		79						.8		
			73					.6	76	73	78					.6		
			66			70		.4		66		71			69	.4		66
	62.8		58					.2		58				61		.2		
			50					0		50						0	56	
			42				49	-.2		42						-.2		
		34.9	34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11			14			-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		

	% Plays correct	Height	Weight	Chin-ups	Push-ups	Rope-climb	Sit-ups	Total Strength	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Total Speed	Total Strength and Speed
Mean		72.6	204.5	11.8	37.7	23	28.5		57.9	31.3	24.3	4.9	69.4		
Raw		72	[illegible]	15	45	[illegible]	28		61	22	[illegible]	[illegible]	[illegible]		
s Score				1.0	1.3	.5	0	.7	.8	.6	-1.1	.3	.5	.22	.46

PLAYER PROFILE NAME D POSITION Split-End YEAR ______ DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			95					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88		88				1.2		
			84					1.0		84						1.0		
			79					.8		79			80	79		.8		
			73	73				.6		73						.6		
			66					.4		66						.4	66	
	62.8		58					.2		58	54					.2		
			50			56		0		50						0		54
			42					-.2	46	42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21		26			-.8		21					23	-.8		
		18.6	16				20	-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		

	% Plays correct	Height	Weight	Chin-ups	Push-ups	Rope-climb	Sit-ups	Total Strength	Stool Jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Middleness Test	Total Speed	Total Strength and Speed
Mean		72.6	204.5	11.8	32.7	7.3	28.5		57.9	21.8	24.3	4.9	68.4		
Raw		73	187	14	33	6.1	[illegible]		[illegible]	25	26	[illegible]	[illegible]		
s Score				.6	-.6	.2	-.8	-.15	.2	1.2	.8	.9	-.7	.46	.16

54

PLAYER PROFILE NAME A POSITION Left End YEAR DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				95					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
			91.9	88				91	1.2		88		88				1.2		
				84					1.0		84						1.0		
				79					.8		79						.8		
		76.7		73					.6		73						.6		
				66					.4		66						.4		
				58					.2		58				61		.2		
				50					0	54	50						0		50
				42	43				-.2		42	49					-.2	47	
				34		38	41		-.4		34						-.4		
				28					-.6		28			31			-.6		
				21					-.8		21						-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4					5	-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	37.7	7.3	28.5				52.9	31.3	24.3	4.9	69.4			
Raw		77	233		10	35	6.9	32				[illegible]	[illegible]	23	4.9	39			
			s Score		-.2	-.3	-.2	1.3		.15		0	1.2	-.5	.3	-1.7		-.14	.005

PLAYER PROFILE NAME B POSITION Left End YEAR DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99	99					2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
	90.7		88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79				79		.8		
			73					.6		73			74		73	.6	72	
			66					.4		66						.4		
		64.0	58		64			.2		58						.2		
			50					0		50						0		
			42					-.2		42						-.2		48
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8	24	21						-.8		
			16			19		-1.0		16						-1.0		
			11	12				-1.2		11		13				-1.2		
			8				10	-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		

	% Plays correct	Height	Weight	Chin-ups	Push-ups	Rope-climb	Sit-ups	Total Strength	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Total Speed	Total Strength and Speed
Mean		72.6	204.5	11.8	37.7	7.3	28.5		57.9	21.3	24.3	4.9	69.4		
Raw		75	210	6	40	9.2	25		76	27	25	4.8	79		
s Score				-1.2	.4	-.9	-1.3	-.15	2.2	-1.1	.6	.8	.6	.62	-.065

PLAYER PROFILE NAME C POSITION Left End YEAR DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				95					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
		20.7		88					1.2		88						1.2		
				84					1.0		84						1.0		
				79					.8		79						.8		
				73					.6		73						.6		
				66			70		.4		66						.4		
			60.5	58					.2		58				61		.2		
				50					0		50			56			0		
				42					-.2		42						-.2		
				34					-.4		34						-.4		
				28					-.6		28						-.6	32	
				21					-.8		21		23			23	-.8		21
				16					-1.0		16						-1.0		
				11					-1.2	13	11						-1.2		
				8					-1.4		8						-1.4		
				6	7				-1.6		6	6					-1.6		
				4		5			-1.8		4						-1.8		
				2				2	-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	201.5		11.8	31.7	7.3	28.5				51.9	31.3	21.3	4.9	69.4			
Raw		75	208		5	25	5.7	16				46	28	21	4.9	58			
			s Score		-1.5	-1.7	.5	-2.0		-1.18		-1.6	-.7	.2	.3	-.7		-.5	-.84

PLAYER PROFILE NAME A POSITION Right End YEAR ______ DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99	99				2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88				90		1.2		
				84					1.0		84						1.0		
				79					.8		79			80			.8		
				73					.6		73						.6		
			66.3	66				72	.4	72	66						.4		
				58					.2		58						.2		
				50		57			0		50		50				0		56
				42					-.2		42						-.2	46	
				34					-.4		34						-.4		
				28			28		-.6		28						-.6		
		23.3		21					-.8		21						-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8	8				9	-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	27.7	23	28.5				57.9	31.3	24.3	4.9	68.1			
Raw		70	212		25	29	26	30				40	31	26	4.7	49			
				s Score	2.2	.2	-.6	.6		.6		-1.4	0	.8	1.3	-1.3		-.15	.23

PLAYER PROFILE NAME B POSITION Right End YEAR ______ DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96				97	1.8		96						1.8		
			94					1.6		94					95	1.6		
			92					1.4		92						1.4		
	90.7		88					1.2		88						1.2		
			84	87				1.0	86	84						1.0		
			79			81		.8		79						.8		79
			73					.6		73	73		74			.6		
			66		72			.4		66		71				.4	71	
			58					.2		58						.2		
			50					0		50						0		
		42	42					-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21				26		-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	72.6	204.5		11.8	37.7	7.3	28.5				57.9	21.3	24.3	4.9	62.4			
Raw	75	196		17	42	5.7	33				60	23	25	5.1	95			
			s Score	1.1	.6	.9	1.9		1.13		.6	.6	.6	-.6	1.7		.58	.86

PLAYER PROFILE NAME C POSITION Right End YEAR DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94		95				1.6		
			92					1.4		92						1.4		
	90.7		88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79			80			.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58			60		.2		58				61		.2	61	
			50	52				0		50					52	0		52
		47	42					-.2	45	42						-.2		
			34					-.4		34						-.4		
			28				31	-.6		28						-.6		
			21		26			-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11	14					-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	73.6	204.5		11.8	31.7	4.3	28.5				52.9	31.3	21.3	4.9	69.4			
Raw	75	199		11	33	6.0	27				53	36	26	4.9	70			
		s Score		0	-.6	.3	-.5		-.2		-1.1	1.7	.8	.3	0		.34	.07

PLAYER PROFILE NAME A POSITION Lf. Halfback YEAR DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92			92		1.4		92	92					1.4		
				88					1.2		88				90		1.2		
				84					1.0		84						1.0		
				79					.8		79			80			.8		
				73					.6		73		76				.6		
				66					.4		66						.4	72	66
		62.8		58	65				.2	60	58						.2		
				50					0		50						0		
				42				49	-.2		42						-.2		
				34					-.4		34						-.4		
				28					-.6		28						-.6		
				21		26			-.8		21						-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11					14	-1.2		
			8	8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	32.7	7.3	28.5				57.9	31.3	24.3	4.9	69.4			
Raw		73	175		12	22	4.7	28				66	21	26	4.7	53			
				s Score	.4	-.6	1.4	0		.3		1.4	.7	.8	1.3	-1.1		.62	.46

PLAYER PROFILE NAME B POSITION Lf. Halfback YEAR DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99		99		99		2.2		
				98		98			2.0		98						2.0		
				96					1.8		96						1.8		
				94	95				1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84					1.0		84						1.0	85	
				79					.8		79			80			.8		80
				73					.6	73	73	78					.6		
				66					.4		66						.4		
			59	58					.2		58						.2		
				50			56		0		50						0		
				42					-.2		42						-.2		
				34					-.4		34						-.4		
				28					-.6		28						-.6		
		22.5		21					-.8		21					27	-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8				10	-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	34.7	7.3	28.5				51.9	31.3	24.3	4.9	69.4			
Raw		70	207		20	50	6.1	25				61	34	26	4.5	66			
			s Score		1.7	2.0	.2	-1.3		.65		.8	2.2	.8	2.2	-.6		1.08	.87

PLAYER PROFILE NAME C POSITION Lf. Halfback YEAR DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88				91	1.2		88		88				1.2		
				84					1.0		84						1.0		
				79		79			.8		79						.8		
				73					.6		73						.6		
				66					.4	71	66						.4		
				58	65				.2		58				61		.2		61
				50					0		50			56			0	53	
				42			41		-.2		42					44	-.2		
			41	34					-.4		34						-.4		
		32.6		23					-.6		28						-.6		
				21					-.8		21						-.8		
				16					-1.0		16	16					-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	37.7	7.3	28.5				57.9	31.3	24.3	4.9	6.84			
Raw		71	195		12	42	6.6	32				51	35	24	4.9	6.6			
			s Score		.4	.8	-.2	1.3		.58		-1.0	1.2	.2	.3	-.2		.1	.34

PLAYER PROFILE NAME D POSITION Lf. Halfback YEAR ______ DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness,	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99		99			2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84					1.0		84						1.0		
				79					.8		79						.8		
				73					.6		73						.6		
				66	67			72	.4	68	66					72	.4		
				58					.2		58	59	59		61		.2	60	64
				50					0		50			56			0		
		44.2		42					-.2		42						-.2		
				34					-.4		34						-.4		
				28					-.6		28						-.6		
				21					-.8		21						-.8		
				16					-1.0		16						-1.0		
			12	11					-1.2		11						-1.2		
				8			10		-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	37.7	23	28.5				57.9	21.3	24.3	4.9	69.4			
Raw		72	181		13	53	140	30				59	32	24	4.9	78			
			s Score		.5	2.2	-1.3	.6		.5		.2	.2	.2	.3	.6		.3	.4

PLAYER PROFILE NAME A POSITION Rt. Halfback YEAR ______ DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99		99		99	2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4	93	92						1.4		
		90.7		88			90		1.2		88		88				1.2		
				84					1.0		84						1.0		
				79					.8		79						.8		
				73					.6		73						.6		78
				66					.4		66					67	.4		
				58	65				.2		58						.2		
				50					0		50						0	52	
				42					-.2		42						-.2		
				34					-.4		34				37		-.4		
				28					-.6		28	28		31			-.6		
			27	21					-.8		21						-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	201.5		11.8	37.7	7.3	28.5				51.9	21.3	24.3	4.9	69.4			
Raw		75	181		12	52	4.9	35				55	15	23	5.0	74			
s Score					.4	2.2	1.3	2.2		1.53		-.6	1.2	-.5	-.3	.5		.06	.8

PLAYER PROFILE NAME B POSITION Rt. Halfback YEAR DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96				97	1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88		91			1.2		88				90		1.2		
				84			87		1.0	87	84						1.0		
				79					.8		79						.8		
				73					.6		73	73					.6		
				66					.4		66		71				.4		66
				58					.2		58						.2		
				50					0		50						0		
				42	43				-.2		42						-.2	47	
				34					-.4		34						-.4		
				28					-.6		28						-.6		
		23.3		21					-.8		21						-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11			14			-1.2		
				8					-1.4		8						-1.4		
			6	6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2					2	-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	31.1	7.3	28.5				57.9	31.3	24.3	4.9	69.4			
Raw		70	171		10	46	5.2	22				60	32	22	4.7	35			
s Score					-.2	1.3	1.1	1.9		1.03		.6	.6	-1.1	1.3	-2.0		-.12	.46

PLAYER PROFILE NAME A POSITION Safety YEAR DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98	98			98	2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4	93	92						1.4		
				88					1.2		88	90					1.2		
				84		87			1.0		84						1.0		
				79					.8		79					80	.8		81
				73			77		.6		73		76				.6		
				66					.4		66						.4		
				58					.2		58						.2	64	
				50					0		50						0		
		44.2		42					-.2		42						-.2		
				34					-.4		34				39		-.4		
				28					-.6		28			31			-.6		
				21					-.8		21						-.8		
			16	16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	37.7	2.3	28.5				57.9	21.3	24.3	4.9	69.4			
Raw		72	185		23	44	55	34				63	31	28	5.0	81			
s Score					2.0	1.1	.7	2.0		1.45		1.3	.7	-.5	-.3	.8		.4	.93

PLAYER PROFILE NAME B POSITION Safety YEAR DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99	79					2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94		95				1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84	87	87			1.0		84					87	1.0		
				79				83	.8	81	79			80			.8		79
				73					.6		73						.6	77	
				66			70		.4		65						.4		
				58					.2		58						.2		
				50					0		50						0		
				42					-.2		42						-.2		
				34					-.4		34				39		-.4		
				28					-.6		28						-.6		
		23		21					-.8		21						-.8		
				16					-1.0		16						-1.0		
			12	11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	201.5		11.8	37.7	7.3	28.5				57.9	31.3	24.3	4.9	69.4			
Raw		70	181		16	44	5.7	31				69	36	26	5.0	86			
s Score					1.0	1.1	.5	1.0		.9		2.2	1.7	.8	-.3	1.1		.78	.84

PLAYER PROFILE NAME C POSITION Safety YEAR ______ DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98			98			2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
		90.1		88					1.2		88	90					1.2		
				84					1.0		84						1.0		
				79					.8		79				79		.8		
				73					.6		73						.6	78	
				66				72	.4		65		71				.4		
				58					.2		58						.2		
				50					0		50						0		53
				42					-.2	43	42						-.2		
				34					-.4		34						-.4		
				28	31	31	31		-.6		28						-.6		
			24	21					-.8		21					26	-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	33.1	73	28.5				57.9	21.3	21.3	4.9	69.4			
Raw		75	181		8	21	8.1	30				63	[illegible]	28	4.8	59			
			s Score		-.5	-.5	-.6	.6		-.25		1.3	.6	2.0	.8	-.6		.82	.114

PLAYER PROFILE NAME A POSITION O. Lf. Tackle YEAR DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
		95✓		94					1.6		94						1.6		
			93	92					1.4		92						1.4		
				88					1.2		88						1.2		
				84					1.0		84						1.0		
				79					.8		79						.8		
				73					.6		73						.6		
				66					.4		66						.4		
				58					.2		58						.2		
				50					0		50						0		
				42				49	-.2		42		43				-.2		
				34					-.4		34						-.4		
				28	31		32		-.6	30	28	28					-.6		
				21					-.8		21						-.8		23
				16					-1.0		16					17	-1.0	17	
				11					-1.2		11						-1.2		
				8		10			-1.4		8				10		-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2			3			-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	37.1	9.3	28.5				57.9	31.3	24.3	4.9	69.4			
Raw		76	224		8	22	7.1	28				55	30	20	5.2	55			
s Score					-.5	-1.3	-.5	0		-.58		-.6	-.2	-1.9	-1.8	-1.0		-1.0	-.79

PLAYER PROFILE NAME B POSITION O. Lf. Tackle YEAR ________ DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Nimbleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99	99					2.2		99						2.2		
		28.8		98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84					1.0		84						1.0		
				79					.8		79						.8		
				73	72				.6		73						.6		
				66					.4		66		71				.4		
				58				58	.2		58					60	.2		
				50					0		50						0		
				42		48			-.2	49	42						-.2		45
				34					-.4		34						-.4	29	
				28					-.6		28	28		31			-.6		
				21					-.8		21						-.8		
				16			16		-1.0		15						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6				7		-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	37.7	7.3	28.5				51.9	31.3	24.3	4.9	69.4			
Raw		77	251		14	36	9.3	30				55	33	22	5.3	72			
				s Score	.6	0	-1.0	.2		-.05		-.6	.6	-.5	-1.5	.3		-.34	-.2

PLAYER PROFILE NAME C POSITION O. Lt. Tackle YEAR DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58						.2		
			50			52		0		50						0		
	44.2	48	42				49	-.2		42	49					-.2		
			34					-.4	37	34		34				-.4		34
			28	31				-.6		28					37	-.6	22	
			21					-.8		21				26		-.8		
			16		16			-1.0		16						-1.0		
			11					-1.2		11			14			-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		

	% Plays correct	Height	Weight	Chin-ups	Push-ups	Rope-climb	Sit-ups	Total Strength	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Total Speed	Total Strength and Speed
Mean		72.6	204.5	11.8	31.7	7.3	28.5		57.9	31.3	24.3	4.9	68.4		
Raw		72	200	8	30	6.2	28		[illegible]	29	22	5.1	62		
s Score				-.5	-1.0	0	0	-.38	0	-.4	-1.1	-.6	-.5	-.52	-.45

PLAYER PROFILE NAME D POSITION O. Lt. Tackle YEAR ______ DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
		99.9		99					2.2		99						2.2		
			98	98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84					1.0		84					87	1.0		
				79			81		.8		79						.8		
				73					.6		73						.6		
				66					.4		66						.4		
				58					.2		58						.2		
				50					0		50			57			0		
				42					-.2		42						-.2		
				34					-.4		34		34				-.4		
				28					-.6		28						-.6	32	
				21					-.8		21						-.8		23
				16					-1.0	18	16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8				10		-1.4		
				6		7		6	-1.6		6						-1.6		
				4	5				-1.8		4						-1.8		
				2					-2.0		2	2					-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	31.7	7.3	28.5				57.9	31.3	24.3	4.9	69.4			
Raw		72	228		4	20	5.1	22				26	29	24	5.2	86			
s Score					-1.7	-1.5	.9	-1.6		-.98		-2.0	-.1	.2	-1.3	1.1		-.48	-.73

PLAYER PROFILE NAME A POSITION O. Lf. Guard YEAR ______ DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
		95.1		94					1.6		94						1.6		
				92					1.4		92						1.4		
				88				91	1.2		88						1.2		
			86	84					1.0		84						1.0		
				79					.8		79						.8		
				73					.6		73			77			.6		
				66					.4		66		77				.4		
				58					.2		58						.2		
				50					0		50						0		
				42					-.2		42					49	-.2	47	45
				34			41		-.4	41	34						-.4		
				28					-.6		28						-.6		
				21					-.8		21				26		-.8		
				16	17				-1.0		16						-1.0		
				11					-1.2		11	14					-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1		1			-2.2		1						-2.2		
Mean		72.6	201.5		11.8	31.7	7.3	28.5				51.9	31.3	24.3	4.9	69.4			
Raw		76	226		7	22	6.1	32				53	33	25	5.1	6.7			
				s Score	-1.0	-2.2	-.2	1.3		-.28		-1.1	.6	.1	-.6	0		-.1	-.19

PLAYER PROFILE NAME B POSITIONO. Lf. Guard YEAR DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94					95	1.6		
				92					1.4		92						1.4		
				88					1.2		88		88				1.2		
				84					1.0		84						1.0		
			87	79				83	.8		79						.8		
				73					.6		73	73					.6		
				66					.4		66						.4	72	
		62.8		58					.2		58						.2		
				50					0		50			56			0		57
				42					-.2	46	42						-.2		
				34		38			-.4		34						-.4		
				28	31				-.6		28						-.6		
				21			22		-.8		21				26		-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	201.5		11.8	37.7	7.3	28.5				51.9	21.3	24.3	4.9	69.4			
Raw		75	219		8	35	8.7	31				60	25	24	5.1	95			
			s Score		-.5	-.3	-.8	1.0		-.15		.6	1.2	.2	-.6	1.7		.62	.24

PLAYER PROFILE NAME C POSITION O. Lf. Guard YEAR ______ DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88					90	1.2		
				84					1.0		84						1.0		
			81	79					.8		79						.8		
		76.7		73					.6		73						.6		
				66					.4		66						.4		
				58		61			.2		58						.2		
				50					0		50						0		
				42					-.2		42						-.2		
				34					-.4		34						-.4	35	
				28					-.6		28	28					-.6		
				21					-.8		21		23		26		-.8		24
				16					-1.0	17	16						-1.0		
				11			13		-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6				6	-1.6		6			6			-1.6		
				4	5				-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.5	204.5		11.8	37.1	11.3	28.5				57.9	31.3	24.3.	4.9	69.4			
Raw		74	219		4	40	10.0	23				55	28	21	5.1	92			
s Score					-1.7	.4	-1.1	-1.6		-1.0		-.6	-.7	-1.6	-.6	1.3		- .44	-.72

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PLAYER PROFILE NAME D POSITION O. Lf. Guard YEAR DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84					1.0		84						1.0		
				79					.8		79						.8		
				73					.6		73						.6		
				66					.4		66		77				.4		
				58				58	.2		58					58	.2		
				50					0		50						0		
		44.2		42					-.2		42						-.2		
			41	34					-.4		34						-.4	45	
				28		21			-.6		28	30		31			-.6		31
				21					-.8	21	21						-.8		
				16					-1.0		16						-1.0		
				11	12				-1.2		11						-1.2		
				8			8		-1.4		8						-1.4		
				6					-1.6		6				7		-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	204.5		11.8	31.7	7.3	28.5				57.9	31.3	24.3	4.9	69.4			
Raw		72	195		6	34	12.2	[illegible]				52	32	22	5.3	71			
			s Score		-1.2	-.5	-1.4	-.2		-.85		-.5	.6	-.5	-1.5	.3		-.32	-.58

PLAYER PROFILE NAME A POSITION Center YEAR ____ DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96		97		97	1.8		96						1.8		
				94					1.6		94	94					1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84	84				1.0	87	84						1.0		
				79					.8		79						.8		
			77	73					.6		73			73			.6		78
				66					.4		66						.4	66	
				58					.2		58				61		.2		
				50					0		50						0		
				42			46		-.2		42		43			49	-.2		
				34					-.4		34						-.4		
				28					-.6		28						-.6		
				21					-.8		21						-.8		
				[illegible]					-1.0		[illegible]						-1.0		
				[illegible]					-1.2		[illegible]						-1.2		
				[illegible]					-1.4		[illegible]						-1.4		
				[illegible]					-1.6		[illegible]						-1.6		
				[illegible]					-1.8		[illegible]						-1.8		
				2					-2.0		[illegible]						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	201.5		11.8	37.7	7.3	28.5				57.9	31.3	24.5	4.9	69.4			
Raw		69	217		16	48	6.5	[illegible]				67	30	25	5.1	67			
s Score					1.0	1.9	-.1	1.9		1.18		1.6	-.2	.6	.5	0		.46	.82

PLAYER PROFILE NAME B POSITION Center YEAR ____ DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
		79	79					.8		79						.8		
	76.7		73					.6		73	73		73			.6		
			66					.4		66						.4		
			58					.2		58				61		.2		
			50					0		50						0	54	
			42					-.2		42					44	-.2		
			34			26		-.4		34		34				-.4		39
			23					-.6		23						-.6		
			21					-.8	21	21						-.8		
			16		16		20	-1.0		16						-1.0		
			11	12				-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	72.6	204.5		11.8	32.7	7.3	28.5				57.9	31.5	24.3	4.9	69.4			
Raw	74	218		6	30	4.3	26				60	29	25	4.9	66			
		s Score		-1.2	-1.0	-.4	-.8		-.85		.6	-.4	.6	.3	-.2		.18	-.31

PLAYER PROFILE NAME A POSITION O. Rt. Guard YEAR ______ DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate x Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
		[illegible]		94					1.6		94		95				1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84					1.0		84						1.0		
				79					.8		79						.8		
			[illegible]	73					.6		73						.6		
				66					.4		66						.4		
				58				58	.2		58						.2		
				50					0		50					51	0	50	
				42			[illegible]		-.2		42	49					-.2		45
				34					-.4	36	34						-.4		
				28					-.6		28						-.6		
				21		[illegible]			-.8		21				[illegible]		-.8		
				16	17				-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		[illegible]	234.5		8.8	34.7	7.8	38.5				57.9	21.3	24.3	4.9	69.4			
Raw		71.	217		7	32	6.4	[illegible]				58	[illegible]	[illegible]	5.1	69			
s Score					-1.0	-.8	[illegible]	.2		-.4		0	1.7	-1.1	-.6	0		0	-.2

PLAYER PROFILE NAME B POSITION O. Rt. Guard YEAR ______ DATE 2/20/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88		88				1.2		
		[illegible]	84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73	[illegible]					.6		
			66					.4		66						.4		
			58					.2		58					[illegible]	.2	[illegible]	
			50					0		50						0		
			42				41	-.2		42						-.2		
			34					-.4		34				[illegible]		-.4		110
			28	31				-.6		28						-.6		
	[illegible]		21					-.8		21						-.8		
			16					-1.0	[illegible]	16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6		6	7		-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	[illegible]	[illegible]		11.8	[illegible]	[illegible]	25.5				57.9	21.3	[illegible]	[illegible]	69.4			
Raw	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	71			
		s Score		[illegible]	[illegible]	[illegible]	[illegible]		-.9		.6	1.2	-.2	-.3	.2		.3	[illegible]

PLAYER PROFILE NAME C POSITION O. Rt. Guard YEAR ______ DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
		[illegible]	98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
	[illegible]		73					.6		73						.6		
			66		[illegible]			.4		66						.4		
			58					.2		58	59					.2		
			50					0		50						0		
			42					-.2		42						-.2		
			34					-.4	[illegible]	34						-.4		
			28				31	-.6		28						-.6		
			21					-.8		21				26		-.8		
			16	17				-1.0		16						-1.0		
			11					-1.2		11						-1.2	[illegible]	
			8					-1.4		8					9	-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1		1				-2.2		
Mean	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	51.3	24.3	4.9	69.4			
Raw	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]				59	[illegible]	14	5.1	[illegible]			
			s Score	[illegible]	[illegible]				[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	-.78

PLAYER PROFILE NAME A POSITION O. Rt. Tackle YEAR ____ DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
			97	99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84					1.0		84						1.0		
				79				85	.8		79						.8		
		77		73					.6		73						.6		
				66					.4		66						.4		
				58					.2		58						.2		
				50					0		50						0		
				42					-.2		42						-.2		
				34					-.4		34						-.4		
				28					-.6		28						-.6		
				21					-.8		21						-.8		
				16		16			-1.0		16					20	-1.0		
				11					-1.2		11		13				-1.2		10
				8					-1.4		8						-1.4	8	
				6					-1.6		6	7					-1.6		
				4	5				-1.8		4						-1.8		
				2					-2.0		2			2	2		-2.0		
				1			1		-2.2		1						-2.2		
Mean		72.6	204.5		11.8	[illegible]	9.3	28.5				51.9	31.3	21.3	4.9	63.4			
Raw		77	223		4	30	18.0	37				45	27	19	5.4	57			
s Score					-1.7	-1.0	[illegible]	0		-.98		-1.5	-1.1	-2.0	-2.0	-1		-1.48	-1.23

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PLAYER PROFILE NAME B POSITION O. Rt. Tackle YEAR ________ DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
			[illegible]	92					1.4		92						1.4		
				88					1.2		88					91	1.2		
				84					1.0		84	86					1.0		
				79					.8		79						.8		
		76.1		73					.6		73						.6		
				66					.4		66						.4		
				58					.2		58		[illegible]				.2		
				50					0		50						0	[illegible]	
				42				[illegible]	-.2		42						-.2		46
				34		[illegible]			-.4		34						-.4		
				28	[illegible]				-.6	[illegible]	28						-.6		
				21					-.8		21						-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6			[illegible]		-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1				/		-2.2		
Mean		[illegible]	[illegible]		11.8	[illegible]	[illegible]	[illegible]				54.9	[illegible]	[illegible]	4.9	62.4			
Raw		[illegible]	[illegible]		[illegible]	[illegible]	12.4	[illegible]				62	[illegible]	[illegible]	[illegible]	[illegible]			
s Score					-.5		-1.5			-.58		1.1	.2	.1	-.2	.13		.24	-.17

84

PLAYER PROFILE NAME C POSITION O. Rt. Tackle YEAR ________ DATE 2/20/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
	[illegible]		98					2.0		98						2.0		
			96					1.8		96						1.8		
			94	[illegible]				1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
		[illegible]	79					.8		79						.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58	57					.2		
			50					0		50						0		
			42					-.2		42						-.2		
			34		[illegible]			-.4	[illegible]	34				[illegible]		-.4		
			28					-.6		28						-.6	[illegible]	[illegible]
			21					-.8		21		[illegible]				-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8				10	-1.4		8					10	-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2			2.		-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	[illegible]	224.5		11.5	[illegible]	[illegible]	[illegible]				51.9	[illegible]	[illegible]	4.9	69.4			
Raw	[illegible]	[illegible]		20	[illegible]	[illegible]	[illegible]				57	22	[illegible]	[illegible]	[illegible]			
		s Score		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	.5	-.3	[illegible]		-.52	-.5

PLAYER PROFILE NAME A POSITION D. Lt. Tackle YEAR ______ DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
			[illegible]	88					1.2		88						1.2		
				84					1.0		84						1.0		
				79				[illegible]	.8		79						.8		
		[illegible]		73					.6		73						.6		
				66					.4		66						.4		
				58	65	64			.2		58	59					.2		
				50					0	47	50			56			0		
				42					-.2		42					47	-.2		[illegible]
				34					-.4		34						-.4	40	
				28					-.6		28						-.6		
				21					-.8		21		[illegible]				-.8		
				16					-1.0		16						-1.0		
				11			12		-1.2		11						-1.2		
				8					-1.4		8				10		-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	234.5		11.8	34.7	[illegible]	28.5				[illegible]	[illegible]	24.3	4.9	69.4			
Raw		[illegible]	235		12	40	19.4	31				59	20	[illegible]	5.2	67			
s Score					.1	.4	-1.2	1.0		.15		.2	-.7	.2	-1.3	[illegible]		-.32	-.09

PLAYER PROFILE NAME B POSITION D. Lt. Tackle YEAR DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73						.6		
			66					.4		66						.4		
	[illegible]	[illegible]	58					.2		58				61		.2		
			50					0		50			56			0		
			42				[illegible]	-.2		42						-.2		
			34					-.4		34					[illegible]	-.4		
			28			[illegible]		-.6		28						-.6		
			21					-.8		21						-.8		
			16	[illegible]				-1.0	/	16						-1.0	[illegible]	[illegible]
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1	/	/				-2.2		
Mean	[illegible]	[illegible]		11.8	[illegible]	[illegible]	[illegible]				51.9	[illegible]	[illegible]	[illegible]	[illegible]			
Raw	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]				25	[illegible]	[illegible]	[illegible]	[illegible]			
		s Score		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	.2	[illegible]	[illegible]		-.86	-.88

PLAYER PROFILE NAME C POSITION D. Lt. Tackle YEAR DATE 2/20/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84					1.0		84						1.0		
				79			81		.8		79						.8		
			73	73					.6		73						.6		
				66					.4		66						.4		
				58					.2		58				[illegible]		.2		
				50					0		50						0		
		[illegible]		42					-.2		42						-.2		
				34					-.4		34		37			37	-.4	40	[illegible]
				28				31	-.6	[illegible]	28	28		27			-.6		
				21		22			-.8		21						-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4	[illegible]				-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	214		11.5	30.7	9.5	[illegible]				52.7	31.3	24.3	4.9	63.4			
Raw		72	216		4	30	7.7	27				55	34	22	4.9	[illegible]			
			s Score		-1.7	-.8	.4	-.3		-.53		.6	.1	.5	.3	-.1		-.33	-.43

PLAYER PROFILE NAME D POSITION D. Lt. Tackle YEAR ________ DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98		28				2.0		
			96					1.8		96						1.8		
		[illegible]	94					1.6		94						1.6		
			92					1.4		92						1.4		
	[illegible]		88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79			80			.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58						.2		
			50					0		50						0		
			42		49		49	-.2		42	44					-.2		
			34	[illegible]				-.4	40	34				31		-.4	[illegible]	37
			28					-.6		28						-.6		
			21					-.8		21					23	-.8		
			16			40		-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	77.6	234.5		11.8	33.2	[illegible]	30.5				57.9	31.3	24.5	[illegible]	19.4			
Raw	75	235		[illegible]	38	5.4	[illegible]				58	21	[illegible]	5.6	20			
			s Score	-.1	0	-.8	0		-.3		0	2.0	.8	-.3	-.1		-.36	-.33

PLAYER PROFILE NAME ____ ^ ____ POSITION S. Linebacker YEAR ________ DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84					1.0		84						1.0		
				79					.8	[illegible]	79					81	.8		
				73					.6		73						.6		
		[illegible]	77	66	67			72	.4		66						.4		
				58		[illegible]			.2		58	[illegible]					.2		65
				50					0		50						0	51	
				42					-.2		42		43				-.2		
				34					-.4		34				[illegible]		-.4		
				28					-.6		28			31			-.6		
				21					-.8		21						-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		[illegible]	[illegible]		11.8	[illegible]	25	[illegible]				[illegible]	[illegible]	[illegible]	4.9	69.4			
Raw		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
			s Score		.5	[illegible]	1.8	[illegible]		.83		[illegible]	[illegible]	[illegible]	[illegible]	1.0		.04	.44

PLAYER PROFILE NAME B POSITION S. Linebacker YEAR ________ DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88				[illegible]		1.2		
			84					1.0		84						1.0		
	[illegible]		79					.8		79					80	.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58						.2		
		[illegible]	50					0		50						0		
			42					-.2		42						-.2	[illegible]	
			34					-.4		34						-.4		
			28					-.6		28			31			-.6		
			21					-.8		21		[illegible]				-.8		
			16					-1.0		16						-1.0		18
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6	1				-1.6		6	6					-1.6		
			4		[illegible]	[illegible]		-1.8	5	4						-1.8		
			2					-2.0		2						-2.0		
			1				1	-2.2		1						-2.2		
Mean	[illegible]	204.5		2.8	32.7	11.2	21.5				57.9	31.3	34.3	4.9	63.4			
Raw	[illegible]	204		[illegible]	25	10.7	6				[illegible]	[illegible]	[illegible]	[illegible]	81			
		s Score		-1.5	[illegible]	[illegible]	[illegible]		-1.78		-1.6	-1	-.5	1.3	.8		-.14	-.96

PLAYER PROFILE NAME C POSITION S. Linebacker YEAR ______ DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84					1.0		84						1.0		
				79			[illegible]		.8		79						.8		
				73					.6		73	73					.6		
				66					.4		66						.4		
		[illegible]		58	6				.2	[illegible]	58						.2		
				50					0		50		[illegible]				0		[illegible]
			[illegible]	42		[illegible]		41	-.2		42						-.2	[illegible]	
				34					-.4		34					40	-.4		
				28					-.6		28			31			-.6		
				21					-.8		21						-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		[illegible]	[illegible] 4/5		[illegible]	37.7	4.3	[illegible].5				53.7	31.3	24.3	4.9	69.4			
Raw		72	197		12	[illegible]	[illegible]	[illegible]				50	[illegible]	25	5.0	6.5			
s Score					.1	[illegible]	-.1	[illegible]		.25		.6	0	-.5	-.3	-.3		-.1	.12

PLAYER PROFILE NAME D POSITION S. Linebacker YEAR ________ DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88		[illegible]				1.2		
			84					1.0		84						1.0		
			79					.8		79			80	79	80	.8		
			73					.6		73						.6	73	
		[illegible]	66		[illegible]			.4		66						.4		
	[illegible]		58					.2		58						.2		
			50					0		50						0		57
			42					-.2	[illegible]	42						-.2		
			34					-.4		34	37					-.4		
			28			31	31	-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	[illegible]	[illegible]		11.8	[illegible]	[illegible]	[illegible]				50.9	24.3	24.3	4.9	69.4			
Raw	73	215		10	[illegible]	22.8	37				37	25	26	4.8	91			
s Score				-.2	.6	[illegible]	[illegible]		-.15		-.1	1.2	.5	[illegible]	[illegible]		.64	.25

PLAYER PROFILE NAME A POSITION Nose YEAR DATE 2/29/60

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98	98				2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
		[illegible]	84					1.0		84						1.0		
			79		79			.8		79						.8		
			73					.6		73						.6		
			66					.4	[illegible]	66					70	.4		
			58					.2		58						.2		
			50					0		50						0		52
			42					-.2		42						-.2		
			34					-.4		34		[illegible]		[illegible]		-.4	[illegible]	
			28					-.6		28			[illegible]			-.6		
			21					-.8		21						-.8		
			16				20	-1.0		16						-1.0		
			11					-1.2		11	17					-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		

	% Plays correct	Height	Weight	Chin-ups	Push-ups	Rope-climb	Sit-ups	Total Strength	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Total Speed	Total Strength and Speed
Mean		[illegible]	204.5	13.8	[illegible]	4.3	[illegible]		54.9	21.3	24.3	4.9	[illegible]		
Raw		70	[illegible]	22	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	5.0	76		
s Score				2.0	.8	0	-.8	.5	-1.1	-.4	-.5	-.3	.5	-.26	.07

94

PLAYER PROFILE NAME B POSITION Nose YEAR ______ DATE 2/20/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84					1.0		84						1.0		
				79					.8		79				77		.8		
				73					.6		73						.6		
				66			[illegible]	72	.4		66		71				.4		
				58	65				.2	[illegible]	58						.2		
				50					0		50			56			0	[illegible]	56
		[illegible]		42					-.2		42						-.2		
				34		[illegible]			-.4		34					37	-.4		
				28					-.6		28	28					-.6		
				21					-.8		21						-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean			[illegible]		11.5	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	4.9	[illegible]			
Raw		[illegible]	[illegible]		12	25	[illegible]	[illegible]				55	[illegible]	[illegible]	[illegible]	[illegible]			
			s Score		[illegible]	[illegible]	[illegible]	[illegible]		.33		-.6	[illegible]	.2	.8	-.1		.12	.23

PLAYER PROFILE NAME C POSITION Nose YEAR DATE 2/29/60

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96		[illegible]			1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84					1.0		84						1.0		
				79					.8		79				[illegible]		.8		
				73					.6		73						.6		
				66					.4		66						.4		
		[illegible]	[illegible]	58					.2		58						.2		
				50			[illegible]		0		50						0		
				42					-.2	[illegible]	42						-.2		
				34					-.4		34		24				-.4		[illegible]
				28	21				-.6		28						-.6		
				21					-.8		21						-.8	[illegible]	
				16					-1.0		16						-1.0		
				11					-1.2		11			11			-1.2		
				8					-1.4		8					9	-1.4		
				6				6	-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2	3					-2.0		
				1					-2.2		1						-2.2		
Mean		72.6	[illegible]4.5		11.8	34.7	[illegible]	38.5				57.9	34.3	24.3	4.9	69.4			
Raw		73	207		8	48	6.2	[illegible]				41	29	22	4.8	56			
s Score					-.5	1.9	.8	1.6		-.05		-1.9	-.4	-1.1	.8	-1.3		-.78	-.42

96

PLAYER PROFILE NAME A POSITION B. Linebacker YEAR DATE 2/20/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96					1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88				97	1.2		88		88				1.2		
				84					1.0		84						1.0		
				79					.8		79						.8		
		[illegible]		73					.6		73						.6		
				66					.4	[illegible]	66						.4		
				58	[illegible]	[illegible]			.2		58				61		.2		
				50			[illegible]		0		50			56			0		[illegible]
				42					-.2		42						-.2	[illegible]	
				34					-.4		34	[illegible]					-.4		
				28					-.6		28						-.6		
				21					-.8		21						-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2					3	-2.0		
				1					-2.2		1						-2.2		
Mean		[illegible]	[illegible]		11.8	[illegible]	2.3	[illegible]				[illegible]	[illegible]	[illegible]	4.9	69.4			
Raw		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	32			
s Score					[illegible]	[illegible]	[illegible]	[illegible]		.53		-.1	1.2	[illegible]	[illegible]	-1.9		-.12	.21

PLAYER PROFILE NAME B POSITION R. Linebacker YEAR ______ DATE 2/20/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96			97			1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79				[illegible]		.8		
		[illegible]	73			[illegible]		.6		73						.6		
			66					.4		66						.4		
			58					.2		58						.2		
			50	50	51			0	51	50						0	[illegible]	52
	[illegible]		42					-.2		42						-.2		
			34					-.4		34	37				40	-.4		
			28				31	-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6		7				-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	[illegible]	[illegible]1.5		11.8	[illegible]	[illegible]	[illegible].5				57.9	[illegible].3	[illegible].5	[illegible]9	50.4			
Raw	72	[illegible]		11	37	5.5	[illegible]				37	[illegible]	[illegible]	4.8	65			
			s Score	[illegible]	[illegible]	.21	[illegible]		.05		-.4	-1.5	1.9	.8	-.3		.1	.08

PLAYER PROFILE NAME C POSITION B. Linebacker YEAR DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94		95				1.6		
			92					1.4		92						1.4		
	[illegible]		88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73	[illegible]					.6		
			66					.4		66					67	.4	[illegible]	
			58					.2		58				61		.2		
		50	50	[illegible]				0		50						0		[illegible]
			42					-.2		42						-.2		
			34					-.4		34						-.4		
			28			[illegible]	31	-.6	[illegible]	28			31			-.6		
			21		[illegible]			-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	[illegible]	[illegible]		[illegible]	32.7	[illegible]	28.5				57.9	31.3	34.3	4.9	69.4			
Raw	75	206		11	[illegible]	[illegible]	[illegible]				60	[illegible]	[illegible]	[illegible]	[illegible]			
s Score				0	[illegible]	[illegible]	-.5		[illegible]		[illegible]	1.7	-.5	.3	.5		.52	.02

PLAYER PROFILE NAME D POSITION B. Linebacker YEAR ____ DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58		17				.2		
			50					0		50						0		
			42			[illegible]		-.2		42						-.2		
			34		32			-.4		34						-.4		
	32.6	[illegible]	28				37	-.6	[illegible]	28						-.5		
			21					-.8		21				26		-.8	[illegible]	[illegible]
			16					-1.0		16					17	-1.0		
			11	12				-1.2		11	11		14			-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	[illegible]	[illegible]4.5		11.8	27.7	7.3	38.6				51.9	[illegible]	[illegible]	4.9	69.4			
Raw	71	182		5	[illegible]	5.7	22				53	38	24	5.1	55			
			s Score	-1.2	[illegible]	-.3	-.5		-.55		-1.1	.2	-1.1	-.6	-1.0		-.72	-.64

PLAYER PROFILE NAME A POSITION D. Rt. Tackle YEAR DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96			[illegible]		1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
	[illegible]		79					.8		79				[illegible]		.8		
			73					.6		73			74			.6		
			66				22	.4	[illegible]	66						.4		
			58					.2		58						.2		[illegible]
			50	[illegible]				0		50						0	[illegible]	
			42					-.2		42		[illegible]			44	-.2		
			34					-.4		34						-.4		
			28		31			-.6		28	[illegible]					-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		

	% Plays correct	Height	Weight	Chin-ups	Push-ups	Rope-climb	Sit-ups	Total Strength	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Total Speed	Total Strength and Speed
Mean		[illegible]	204.5	11.8	[illegible]	4.8	20.5		57.9	51.5	24.3	4.9	[illegible]		
Raw		74	211	11	31	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
s Score				0	-.5	.6	[illegible]	.18	-.6	[illegible]	.6	.8	[illegible]	.08	.27

PLAYER PROFILE NAME B POSITION D. Rt. Tackle YEAR ______ DATE 2/29/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96		37			1.8		96						1.8		
			[illegible]	94	[illegible]				1.6		94						1.6		
				92					1.4		92						1.4		
		[illegible]		88					1.2		88						1.2		
				84					1.0		84						1.0		
				79					.8		79				[illegible]		.8		
				73					.6	.7	73			74		66	.6		
				66					.4		66						.4	66	72
				58			[illegible]		.2		58		54				.2		
				50					0		50						0		
				42					-.2		42	[illegible]					-.2		
				34					-.4		34						-.4		
				28					-.6		28						-.6		
				21					-.8		21						-.8		
				16				20	-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8						-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		[illegible]	[illegible]45		11.8	37.7	[illegible]	22.5				57.9	31.5	24.3	[illegible]	69.4			
Raw		[illegible]	[illegible]		[illegible]	[illegible]	6.0	[illegible]				58	32	25	[illegible]	70			
s Score					1.7	[illegible]	[illegible]	-.8		.78		0	.2	.6	.8	.1		.46	.62

PLAYER PROFILE NAME A POSITION Monster YEAR DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96				77	1.8		96						1.8		
			94					1.6		94	94					1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79		79			.8		79						.8		
			73					.6		73		76				.6	74	
			66					.4	66	66					67	.4		70
			58	[illegible]				.2		58				57		.2		
			50					0		50			56			0		
			42					-.2		42						-.2		
		37	34					-.4		34						-.4		
	26		28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8			10		-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	72.6	[illegible]		11.8	39.1	[illegible]	[illegible]				57.9	34.5	24.3	4.9	61.4			
Raw	71	195		12	44	11.0	[illegible]				[illegible]	37	24	[illegible]	[illegible]			
			s Score	.11	.8	-1.3	1.9		.45		1.6	.7	.2	.3	.5		.66	.56

PLAYER PROFILE NAME B POSITION Monster YEAR ______ DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98				98	2.0		98						2.0		
			96			[illegible]		1.8		96						1.8		
			94	[illegible]				1.6	94	94						1.6		
			92					1.4		92					92	1.4		
			88					1.2		88						1.2		
			84		87			1.0		84	86					1.0		87
			79					.8		79						.8		
			73					.6		73						.6	73	
			66					.4		66						.4		
	[illegible]		58					.2		58		59		61		.2		
			50					0		50			56			0		
		41	42					-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	72.6	204.5		11.8	32.7	7.3	23.5				52.9	21.3	24.3	4.9	69.4			
Raw	[illegible]	191		[illegible]	[illegible]	[illegible]	[illegible]				62	22	24	[illegible]	[illegible]			
s Score				1.1	[illegible]	1.5	2.0		1.35		1.1	.2	.2	.2	1.1		.64	1.15

PLAYER PROFILE NAME C POSITION Monster YEAR ______ DATE 2/20/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99	99				2.2		99				99		2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92		93			1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8	21	79			80		77	.8	82	82
			73					.6		73		76				.6		
			66					.4		66						.4		
			58			[illegible]		.2		58	54					.2		
			50					0		50						0		
			42					-.2		42						-.2		
			34					-.4		34						-.4		
			28				21	-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		

	% Plays correct	Height	Weight	Chin-ups	Push-ups	Rope-climb	Sit-ups	Total Strength	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Total Speed	Total Strength and Speed
Mean		[illegible]	[illegible]	11.8	[illegible]	13	[illegible]		[illegible]	[illegible]	[illegible]	4.9	[illegible]		
Raw		[illegible]	[illegible]	22	[illegible]	[illegible]	[illegible]		54	27	26	[illegible]	[illegible]		
s Score				[illegible]	[illegible]	[illegible]	[illegible]	.9	[illegible]	[illegible]	.8	[illegible]	.9	[illegible]	.93

PLAYER PROFILE NAME D POSITION Monster YEAR DATE 2/20/69

	% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool Jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
				99					2.2		99						2.2		
				98					2.0		98						2.0		
				96				97	1.8		96						1.8		
				94					1.6		94						1.6		
				92					1.4		92						1.4		
				88					1.2		88						1.2		
				84					1.0		84						1.0		
				79					.8		79				[illegible]		.8		
				73					.6		73						.6		
				66					.4		66						.4		
				58					.2	60	58						.2		
				50	[illegible]				0		50						0		.52
				42			[illegible]		-.2		42		42				-.2	47	
				34					-.4		34						-.4		
				28					-.6		28			31		31	-.6		
				21					-.8		21						-.8		
				16					-1.0		16						-1.0		
				11					-1.2		11						-1.2		
				8					-1.4		8	9					-1.4		
				6					-1.6		6						-1.6		
				4					-1.8		4						-1.8		
				2					-2.0		2						-2.0		
				1					-2.2		1						-2.2		
Mean		[illegible]	[illegible]		11.8	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
Raw		[illegible]	185		11	[illegible]	6.6	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
s Score					[illegible]	-.5	-.2	1.8		.3		-[illegible]	-.2	-.5	[illegible]	-.5		-.14	.09

SPRING-TRAINING CONDITIONING AS A PREDICTOR OF FOOTBALL PLAYER PERFORMANCE

by

JAMES IRA MOSTELLER

B.A., Wichita State University, 1967

AN ABSTRACT OF A MASTER'S THESIS

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MASTER OF SCIENCE

Department of Physical Education

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ABSTRACT

At Kansas State University, the Freshman, Sophomore, and Junior Football players took part in an eight weeks off-season program, which involved a rigorous work-out conditioning program. The measuring of eight variables (chin-ups, push-ups, rope climb, sit-ups, stool jumps, vergical steps, lateral quickness, and the 40 yard dash) were a regular weekly part of the program. A criterion group (N = 49) was established and the percentage of correct plays to total plays (PPC) was determined by the appropriate coach (line, backfield, end, etc.) who reviewed the films for nine games of the 1968 Fall season. A step-wise multiple regression equation was determined in which the eight variables noted above together with height, weight, and a Middleness test served as factors. A separate equation was computed for the Line and Backfield positions. The five variables contributing the greatest amount of the multiple correlation coefficient (r - 0.60) for the Line men were: (1) Lateral Quickness; (2) Vertical Steps; (3) Rope Climb; (4) Middleness Test; and (5) Weight. The variables contributing to the multiple correlation coefficient (r - 0.70) for the Backfield were: (1) Lateral Quickness; (2) Rope Climb; (3) Weight; (4) 40 Yard Dash; and (5) Middleness Test. Using the regression equation, the PPC was predicted for 37 varsity players and 37 players who had not played varsity football. From the

regression, the predicted PPC for each player was placed accordingly on the first, second, third, and fourth string ranking. This ranking was compared against the coaching staff ranking. The Backfield and Linemen positions were ranked 35.1% correct. The Linemen were misranked by one place 45.9% and the Backfield 35.1%. The consensus among the coaches was that the regression estimate was an excellent indicator of the motivational level of the players during the off-season program.